

ONE BIT TEN

ONE BIT TEN



ONEBOT PROJECT

Whitepaper

1.0.0.1

Block Square Global

OneBot Score & Autobot 4.0





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1. Abstract

The age of artificial intelligence (AI) is upon us. While there are movies like The Matrix, it has shown us the cataclysmic effect of intelligence machines, we cannot ignore its vast benefits.

AI technology are applied to businesses, and it can simplify systems related to operations.

Significant improvements in cost efficiency, revenue growth and customer experience can be realized. And unbeknown to us, we are surrounded by intelligent devices that makes our lives easier. Businesses around the world are realizing the incredible power and capabilities that AI technology can do.

And global spending on AI systems is growing astronomically.

Cryptocurrency markets can cause panic in even the most seasoned traders, it's one of the most exciting markets ever, considering the huge returns and fluctuations. Because it was threatening enough to destroy the existing financial and stock markets, their rapid growth has earned many users who follow the crypto products, outperforming the benefits of traditional asset classes.

While some people hope to label Bitcoin and its contemporaries as fraudsters or to bubble out, the momentum of countless individual, corporate, and institutional investors flocking to open e-wallet and exchange accounts is impressive.

Despite the tremendous growth witnessed in this field, one of the biggest challenges that new entrants fail to address is controlling emotions.

One of the main factors that hinder investment returns is psychological anxiety and impatience caused by the investment environment. This also led to a decision error that constraints and sacrifices effective strategies.

Therefore, we are trying to share the fruits of our efforts to quell investors' psychological anxiety with AI.

It is true that AI Trading is an emerging technology that has not yet fully achieved its potential, and we all know that the possibility of AI someday is virtually endless. Nevertheless, AI is contributing greatly to the development of the global industry and will play an increasingly important role in the future.

2. Technology

As explained above, ONE BIT TEN's goal is to globally expand the trading platform through accurate information by combining and processing data based on the trading volume of CEX, DEX, and OTC markets in distributed supercomputers.

ONEBOT is a platform, and with all technological approaches to machine learning and deep learning, ONE BIT TEN, a startup-sized company, will continue to develop aggressive development and marketing for global top-tier products in areas related to trading investments.

In addition, ONE BIT TEN will further develop and strategically cooperate with developers who are globally distributed, participating in voluntary development, and even supercomputer projects that can handle a lot of data in higher speed.

Close communication with global partners and local community groups will lead to natural participation of each member and customer.

ONE BIT TEN's ONEBOT project, along with pioneers in the AI field, builds an environment that can benefit many members.

3. Vision and Mission

ONE BIT TEN's ONEBOT is an automated computer program designed to execute specific tasks with minimal human intervention. In the world of cryptocurrency, cryptocurrency transaction bots aim to provide AI Trading Indicators and automated transaction bots that automatically trade one or more cryptocurrencies on one or more platforms on behalf of the owner or user to minimize risk and help achieve maximum individual goals.

In the exchange, Tokens' transaction volume, ask and bid volumes, wallet movement, and numerous past data are combined to discard dummy data and process practical data only.

A well performing leading index and trading bot are profitable. It is proven how well ONEBOT has combined automatic and manual trading strategies with monitoring system, which suggests the most efficient leading index and trading bot for trends supported by the user growth.

In short, ONEBOT can import, analyze, and use customized or other exchanges' trading strategy data to automate trading executions. ONEBOT is classified as a margin trading bot, a leverage bot, and a spot trading bot by using automated and smart technologies such as AI and machine learning, helping investors to maximize profits by efficiently acting as an auxiliary indicator.

ONEBOT of **ONTBITEN** is increasing the number of users by delivering constantly efficient data.

In that process, ONT BIT TEN provides a more advanced platform by building an ecosystem with technological advancement and ONE BIT TEN's Token. Furthermore, the project will provide stable Token Economy and revenue generation opportunities through the activation of NFT.

4. Problems of Bot Trading Industry

2-1 Current AI Trading Expected Index and Bot Problems

In general, platforms that provide AI trading programs have a big problem in that they accept only usage fees and do not educate and manage the loss of members.

All investors have a desire to earn profits as the price of cryptocurrency fluctuates. All users should understand the principle of the leading index and the bot trading. Also, continuous education should be carried out by taking basic steps to learn how to adjust the figures according to the market situation.

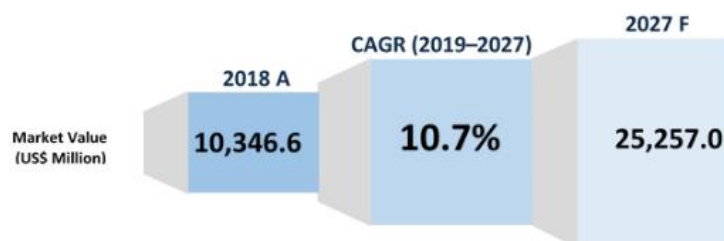
However, the current market's leading index and trading bot did not develop into a business model that meets the pain points of the industry.

System related to investment in futures and options by product (individual investment standard)			
	Korea SPOT	Overseas SPOT	Virtual Assets SPOT
compulsory pre-education	for more than an hour	None	None
compulsory mock transaction	More than 3 hours	None	None
basic deposit	More than 10 million won	None	None
Leverage Ratio	Up to 15x	Up to 30x	Up to 125x
Tax	11% capital gains tax	11% capital gains tax	None

5. Market Analysis

5-1 Market Size and Demand

The cryptocurrency market started with emergence of Bitcoin, and the market has entered a maturity cycle as the altcoins has experienced repetitive success and plunge for years. According to Blockchain research firm CoinMarketCap, total cryptocurrency market capitalization once exceeded \$800 billion, but it has decreased to \$250 billion amid unfavorable market factors. However, a larger trading volume is being created by the emergence of various derivatives and futures in the cryptocurrency market.



Investment funds are flocking, and related exchanges are growing as investment customers aim for short-, medium-, and long-term capital gains and the industry services derived into leading indexes, futures trading bots, and spot trading bots. Derivatives such as futures and options are growing explosively as they are developed as a means to hedge risks by managing price fluctuations based on changes in the value of underlying assets.

After derivatives became common, it is growing into a market that is evolving as a means of pursuing high risk and high return. As of 2018, the futures/option market size was USD 54.24 quadrillion, and the spot market was estimated to be USD 1.27 quadrillion.

Traditional financial markets such as the Chicago Futures Exchange also offer Bitcoin futures products.

Bitcoin remains controversial, but it is being recognized as a sustainable asset like gold. The

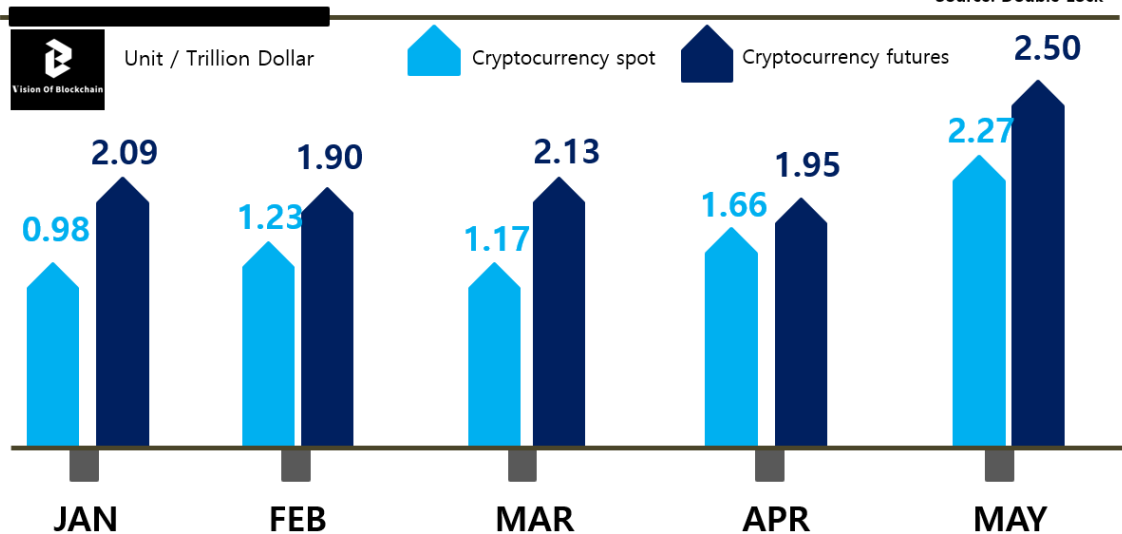
Chicago exchange also released derivatives based on Bitcoin. This is because major cryptocurrencies have a solid base as an underlying asset, resulting in demand for various financial transaction methods around it. This phenomenon is a natural trend in the free trade market.

The number of derivatives providers increases, alluring various investors and institutions into the market. Derivatives, like all other underlying assets such as oil and grains, serve as a catalyst for the development of the cryptocurrency trading market. As a result, it can further solidify the spot market, increase confidence, and stabilize prices. This market trend will have a positive impact on the overall blockchain technology development and the industry itself.

One profound feature of blockchain is that it provides an incomparable level of transparency that is available to all market participants. The current centralized exchange cannot fully adapt this feature, and in the case of cryptocurrency, it is still a market with little institutional power due to distributed and disproportionate regulatory supervision, so it is considered an attractive technology investment opportunity that draws machine learning and artificial intelligence strategies into the institutional sphere.

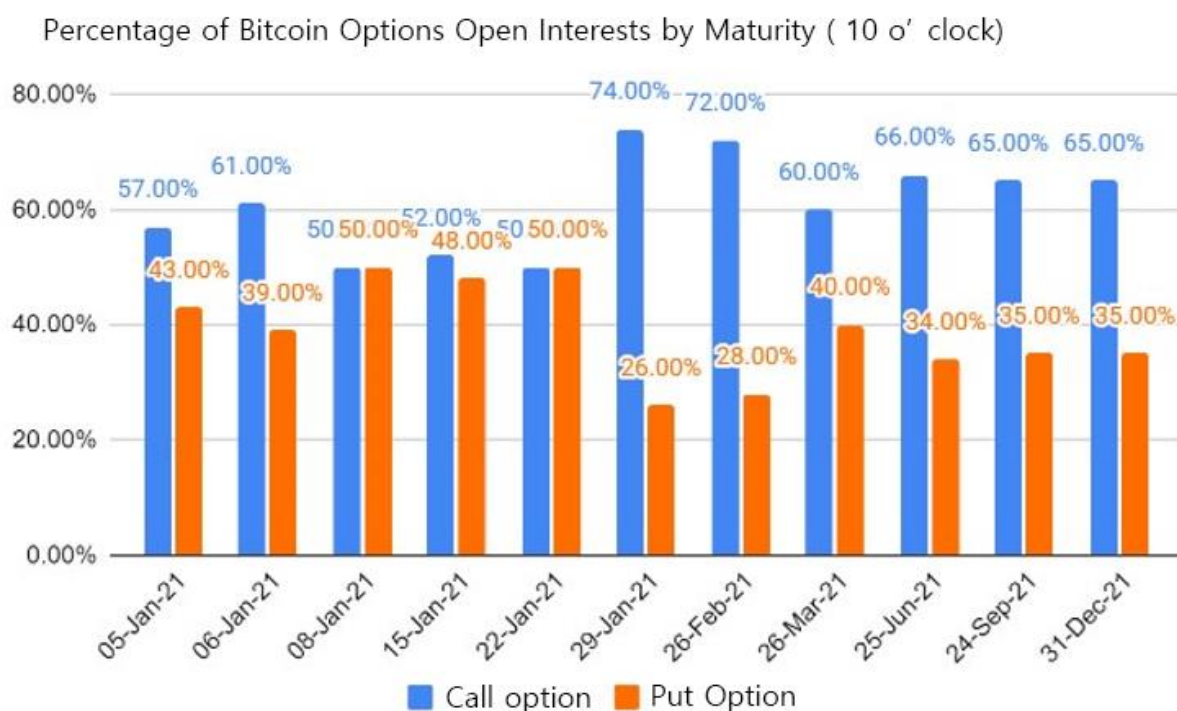
Cryptocurrency spot. Bitcoin futures trading scale

Source: Double Lock



The advantage is clear to the trader. Instead of relying on emotions to make investment decisions, machine learning and AI's powerful mechanisms can now be available to traders in various ranges.

As demand for AI-based services in the financial sector increases, AI in algorithm trading greatly helps to adopt market conditions, learn from experience, and make investment decisions accordingly.



- Futures market dominates spot market

The institutional crypto futures market was first settled in December 2017. CBOE (Chicago Option Exchange) launched Bitcoin futures on December 10, and CME (Chicago Commodity Exchange) also opened a Bitcoin futures market on December 18. Since then, Bakkt, a technology platform for the management of digital assets, has also released Bitcoin futures in September 2019. Bakkt was a joint exchange created by ICE (Intercontinental Exchange), the parent company of the New York Stock Exchange which is the world's largest stock exchange, Microsoft, Starbucks, and Boston Consulting Group. Among them, CBOE suspended Bitcoin futures services in March 2020, and Bakkt is

seeking to be listed on the New York Stock Exchange through a merger with VPC.

However, due to the application of institutional exchange regulations and institutions' entry to the market in the second half of 2020, demand for Bitcoin futures began to surge. In the fourth quarter of 2020, open interest of CME Bitcoin futures temporarily surpassed that of private cryptocurrency exchanges.

The growth rate of the Bitcoin futures market, which integrates institutional and private sectors, is even more remarkable. According to Bloomberg's report on October 2019, the size of cryptocurrency futures market of the top 13 exchanges was only about half of the spot market. Even this was recorded as a considerable growth at the time.

However, the Bitcoin futures market alone is far beyond the entire crypto spot market now. As of January 28, 2021, Bitcoin's monthly futures trading volume is close to \$1.77 trillion. On the other hand, the spot market, including Altcoin, has a monthly trading volume of about \$627 billion. It is a time in which futures dominate the spot.

5-2 " ONEBOT " in Trading Market

Using crypto predictive indicators and transaction bots requires countless experiences and data. First of all, no matter how reliable a bot is, it misses the experience necessary to learn about the market and various trading styles.

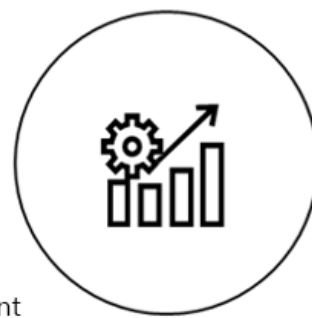
In addition, the only way to ensure maximized return when using cryptocurrency predictive indicators and trading bots is to have a deep understanding of the market to gain even greater benefits. This is absolutely not true that more experienced people get a safe return on investment.



Self Analysis, Education, Judgment

DEEP LEARNING

Fast and Accurate
Data Analysis Technology



AI-Basis Data Analysis

Elimination of Emotional Risk



Elimination of Emotional Risk

Stable return on investment will be achievable with the know-how accumulated based on data.

Unlike humans, bots do not rest, but analyze and calculate data which is aggregated and processed at any time, and stand by for 24 hours to earn revenue.

Therefore, many traders are attracted to the fact that they can set up bots to trade 24/7 and allocate their time to monitor positions. The use of ONE BIT TEN's leading index and trading bot will allow traders to analyze and predict other stocks.

ONEBOT is working to provide this type of solution to many investors. It is developed to allow individuals without background knowledge of programming, AI, or machine learning to easily and quickly respond to optimal data by integrating disparate forms of information into a single platform.

ONEBOT lets users know about potential opportunities and helps them overcome bias of human decision making, either by web-searching on the Internet to get information or by traders to build mechanized systems.

5-3 Back-stating that adjusts rules

One of the biggest risks of using cryptocurrency trading bots is that you first have to perform extensive manual tasks. In what is called **back-stating**, problem can arise if the rules for operating the bots are not carefully adjusted.

For example, an inexperienced cryptocurrency bot trader can set rules to prevent the bot from purchasing at higher prices than the last selling price. This is perfectly logical, but the problem is that it only prevents purchase transactions from occurring.

Additionally, stop loss function should be added to prevent the loss of positions when the market plummets. In other words, if you traded manually, you would have sold it before the market crashed.

In the case of ONEBOT, the cryptocurrency transaction bot can set rules through **back-stating**. Users can basically enter the rules and then control the bot in real time based on historical data.



By doing so, ONEBOT should perform positioning and adjusting leverage according to your preferences.

ONEBOT can eliminate human error or emotional behavior, such as, adding extra zeros by mistake. You can also run transactions at a faster pace.

ONEBOT trades in highly volatile markets. Data that can optimally earn profits from hundreds of cryptocurrency markets is provided to the user in real time, and the user only sets the basic functions, such as leverage.

ONEBOT deduces the effectiveness of data from the value that has been combined and processed by a signal and insight of transactions based on big data. It brings unclassified, random, and disordered information. After receiving the information, we classify the data and information based on the information of past market patterns, volumes, market quantities, and coin wallets. Based on this, ONEBOT infer the market signal with practicable and optimally analyzed reasoning.

- Eliminating the emotional risk of ONEBOT

- Improved Accuracy –

By analyzing and making decisions using algorithms, AI can significantly reduce the risk of errors or mistakes that can occur when relying solely on human judgment.

- Improved Speed –

AI can quickly process large amounts of data, which can process faster decision-making, real-time problem solving and responding to opportunities.

- Reduced Emotional Risk –

One of the major risks associated with margin trading is the potential of emotion influencing decisions. Because AI algorithms have no emotions, they can make decisions based on data and logic rather than being swayed by personal emotions or prejudices, so they can continue to maintain stable investment.

- Improved Risk Management –

AI can help analyze data from multiple sources and identify potential risks, allowing investors to make informed decisions and take appropriate steps to mitigate these risks.

- Improved Efficiency –

By automating specific tasks and processes, AI can help traders save time and focus on more complex tasks that require human expertise.

Overall, using ONEBOT's AI to support margin trading not only improves the accuracy, speed, and efficiency of transactions, but also reduces the risk of emotional decision-making and strengthens risk management.



Do not hold more than 2 positions

High probability of loss in case
where two positions incur loss simultaneously

ONE BIT TEN



Do not trade more than 50% of total asset

High risk or liquidation
when investing more than 50% of total asset

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Do not use high leverage

Leverage higher than 3x will lead to higher risk of liquidation

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Set SL

When constant monitoring is not available
set SL at all times regardless of trading methods

ONE BIT TEN



- " ONEBOT " AI by **Big Data**

- Improved Decision Making –

By analyzing large amounts of data from various sources, AI helps traders make more informed decisions and identify opportunities that may have been overlooked using traditional methods.

- Improved Risk Management –

AI analyzes data in real time and identifies potential risks, allowing traders to take appropriate action to mitigate risks.

- Improved Efficiency –

AI automates specific tasks and processes, allowing traders to focus on more complex tasks that require human expertise.

- Improved Accuracy –

AI algorithms help reduce the risk of errors or mistakes as they can analyze and make decisions based on logic without being swayed by personal emotions or prejudices.

- Enhanced Personalization –

By analyzing data on individual traders' past behaviors, AI can provide personalized recommendations and adjust strategies to meet specific needs and preferences.

- The Technological Evolution of “ONEBOT” in **Machine Learning**

- Improved Accuracy –

Machine learning algorithms can analyze large amounts of data and identify patterns and trends that may not be cognitive to humans. This helps to improve the accuracy of decisions and reduce the risk of errors or mistakes.

- Improved Risk Management –

ONEBOT's AI Trading Bot can identify potential risks and take appropriate steps to mitigate each risk by analyzing data in real time.

- Improved Efficiency –

ONEBOT AI Trading Bot automates specific tasks and processes, allowing traders to save time and focus on more complex tasks that require human expertise.

- Outstanding Flexibility –

The ONEBOT AI Trading Bot operates 24 hours a day and can make decisions based on data and logic, allowing traders to take advantage of opportunities even when they are not actively monitoring the market.

- Enhanced Personalization –

ONEBOT AI Trading Bot can provide personalized data by analyzing data on individual traders' past behaviors and establish strategies to meet specific needs and preferences.

Overall, leveraging ONEBOT's machine learning, automated AI Trading Bots are used for margin trading to improve accuracy, risk management, efficiency, flexibility, and personalization, providing traders with better results.

- "ONEBOT "through **Deep Learning**

Deep learning algorithms can identify patterns and trends that may not be immediately visible to humans by analyzing large amounts of data. This allows traders to make informed decisions and use them in general ways to identify opportunities that may have been overlooked.

- " **ONEBOT** " Conducts Thorough Market Analysis

By thoroughly analyzing the cryptocurrency market, AI trading bots can identify patterns and trends that may not be immediately noticeable to humans. This allows traders to make informed decisions and identify opportunities that may have been overlooked using traditional methods. Overall, by thoroughly analyzing the cryptocurrency market, AI "**ONEBOT**" can improve decision-making, risk management, efficiency, flexibility, and personalization with automatic margin trading robots, giving traders great advantages.

6.ONE BIT TEN & BLOCKCHAIN

6-1 Advantages of using ONEBOT and VOB Token

If cryptocurrencies are issued on a platform with many users and used as a key currency, more people can be attracted to use the crypto as a payment method, and it will play a major role in expanding the business and the membership base with new investment opportunities.



- Improved Liquidity –

There is a large number of users on the "**ONEBOT**" Platform. The continued increase in membership can increase liquidity, making it easier to sell and buy.

- Improved Security –

The "**ONEBOT**" platform, which has many users, can provide strong security measures to protect against threats such as hacking. This can increase confidence in **VOB** Token and significantly reduce the risk of loss due to security breaches.

- Outstanding Flexibility –

As **VOB** Token is used as a payment method, users will be able to gain greater flexibility in the application of usage. For example, VOB Token can be used to make a payment, accept a payment, or exchange.

- " **ONEBOT** " Brand Awareness –

As VOB is issued and used as a payment method, VOB ecosystem is created to increase brand awareness and potentially attract new customers.

"**ONEBOT**" will increase flexibility and brand awareness by issuing VOB Token and using it as a payment. This will increase the adoption rate of platform for new members by securing abundant liquidity and enhancing security.

6-2 ONT BIT TEN & VOB Token Contract

- **VOB** Token & BEP20 of BSC Chain -

"**ONEBOT**" is a token issued from BEP20 of BSC (Binance Smart Chain) Blockchain by Binance.

One of the potential benefits of issuing Token in the BEP20 standard of the BSC chain is that it is possible to trade fast with inexpensive gas fee. BSC chains can use the Delegated Equity Proof (Dpos) consensus mechanism to process transactions at a faster rate at a lower fee than other Blockchain Networks.

This is an attractive option for developers to issue Token for use in decentralized applications (DApps) or other projects that require frequent low-cost transactions.

Another advantage of the BEP20 standard is that it is fully compatible with the Ethereum Virtual Machine (EMV), which allows developers to build and deploy Smart Contract at BSC using familiar tools and languages. This allows developers who are already familiar with the Ethereum ecosystem to easily migrate projects to BSC.

In addition, BSC has a support community of developers and enthusiasts whose user base is rapidly increasing, which greatly helps to increase adoption and visibility of Token published on the network. This could potentially lead to an increase in demand for Token, which could lead to an increase in the value of Token holders.

However, if token is issued in Ethereum's ERC20 standard, it is judged that the scalability of the project will be put on hold because it cannot mitigate from the current problem.

Ethereum's slow trading speed and high gas rates can cause problems for Ethereum network users, especially in the fields of decentralized finance(DeFi) and decentralized applications (Dapp).

One of the main problems with Ethereum's slow trading speed is that it leads to the backlog of the transactions it holds, resulting in delays and failures in Token transmission to users.

This can be a huge problem, especially in DeFi, where transactions need to be processed quickly to take advantage of market movements. In addition, even when token transmission has led to a failure, expensive fee for token transmission remains as user's responsibility.

Ethereum's gas fee can be too expensive to use the network. Users are burdened by a single transmission. This is a barrier to entry for some users, especially those with fewer Ethereum (ETH) or those who are not willing to pay a high Fee for transactions.

As a result, some users and developers are forced to switch to an alternative Blockchain Platform that provides faster trading speeds and lower fee. This can lead to a decrease in

the number of users and developers in the Ethereum Network, potentially resulting in a decline in ETH value.

Overall, Ethereum's slow transaction speed and high gas prices will be a major obstacle to the expansion of users, developers, and platform. Some of them will consider alternative blockchain platforms and potentially avoid Ethereum in terms of adoption and value.

6-3 Composition of BEP20 Token Development in BSC Blockchain

Because the Binance Smart Chain (BSC) BEP20 standard is based on Ethereum virtual machines (EMVs), the contract development algorithm is similar to that used in Ethereum ecosystems. This means that developers can use familiar tools and languages such as Solidity to create smart contracts that can be deployed in BSCs.

Contracts for BSC are written by Development using EMV-compatible programming languages, such as Solidity.

It tests and debugs contract codes using a local test environment such as a local Blockchain Emulator or TestNet. The contract code and data are submitted to BSC Network. This is done using BSC wallets or other tools that can interact with the network. Once the contract is distributed, it can interact with other users of BSC, and they can send transaction to the contract or call up its function.

- Submission of a BSC Network Publishing Agreement with Solidity Programming Language and Web3.jsLibrary (Example)

```
pragma solidity ^0.7.0;

// define the contract
contract MyContract {
    // contract variables and functions go here
}

// compile the contract
const contractBytecode = '0x' + MyContract.evm.bytecode.object;

// create a Web3.js instance
const Web3 = require('web3');
const web3 = new Web3('https://bsc-rpc.binance.org');

// set up an account to deploy the contract
const account = '0xYOUR_ACCOUNT_ADDRESS';
web3.eth.accounts.wallet.add(process.env.PRIVATE_KEY);

// define the contract deployment parameters
const contract = new web3.eth.Contract(MyContract.abi);
const gasPrice = '1000000000'; // 1 Gwei
const gasLimit = '5000000'; // 5 million

// submit the contract to the BSC network
contract.deploy({
    data: contractBytecode,
    arguments: [] // constructor arguments, if any
}).send({
    from: account,
    gasPrice: gasPrice,
    gas: gasLimit
}, (error, transactionHash) => {
    if (error) {
        console.error(error);
    } else {
        console.log('Transaction hash: ${transactionHash}');
    }
});
```

- VOB Token Issuance Contract in BEP20 Standard (Example)

```

import binance

# Initialize the Binance Chain client
client = binance.Client('<YOUR-API-KEY>', '<YOUR-API-SECRET>')

# Set the parameters for the new token
symbol = 'VOB'
name = 'My Token'
total_supply = 1000000
mintable = True

# Issue the new token
response = client.token.create_token(symbol=symbol, name=name,
total_supply=total_supply, mintable=mintable)

# Print the response from the BSC network
print(response)

```

This code is issued as a new BEP20 Token with the supply of 1,000,000 Token, the Token symbol "VOB" and the name "My Token".

The Mintable parameter indicates that the Token may be minted later. Using the BinanceChain CLI, a new BEP20 Token is issued, and the following is an example of the commands available:

```

$ binance-chain-cli token issue --symbol VOB --name "My Token" --total-supply
1000000 --mintable

```

The Mintable flag indicates that the Token may be generated later.

6-4 VOB Token & LOCK UP -

Lock-up of token helps coordination with project stakeholders in the incentive adjustment method. For example, if project founders lock token for a period of time, holders are more likely to help the ecosystem to operate and promote the project's long-term success rather than selling tokens as soon as it becomes

tradable.

Lock-up of token can prevent the "dumping" phenomenon of a sharp drop in prices as token is sold all at once on the market. Locking a certain percentage of the total token supply will significantly reduce the risk of dumping.

It can increase the stability of the token price. This is because token lock-up helps stabilize token's price by reducing the risk of dumping.

It can also increase the reliability of the project. If the project founder locks token, it can signal to the market that he is committed to the long-term success of the project, which greatly helps to secure reliability.

Encouraging responsible use of token and lock-up is a necessary condition to build a more stable and healthy ecosystem around token, as it can induce token holders to use their token responsibly rather than selling it as soon as it is tradable.

5 Example of Lock-up Contract Development of VOB Token at BEP20 –

The BEP3Mint Table can be expanded, and a new token can be created with the token contract of BSC CHAIN SDK, a BEP20 Token Contract. This adds two functions: lock and unlock, which allow the lock-up variable and the contract owner to lock or unlock the Token.

It also redefines the functionality of the BEP3Mint Table. Before minting the VOB Token, it confirms whether the token is locked.

[Contract Development Example]

```

// Name and symbol of the VOB token
string public name = "VOB Token";
string public symbol = "VOB";

// Total supply of the VOB token
uint256 public totalSupply;

// Mapping from address to balance of VOB tokens
mapping(address => uint256) public balances;

// Mapping from address to lock-up status of VOB tokens
mapping(address => bool) public locked;

// Mapping from address to lock-up period of VOB tokens
mapping(address => uint256) public lockPeriods;

// Event to log when VOB tokens are locked or unlocked
event LockStatusChanged(address indexed owner, bool locked);

// Constructor function to initialize the contract and issue VOB tokens to the owner
constructor(uint256 _totalSupply) public {
    // Set the total supply of VOB tokens
    totalSupply = _totalSupply;

    // Issue all the VOB tokens to the contract owner
    balances[msg.sender] = totalSupply;
}

// Function to lock VOB tokens for a given address for a given period
function lock(address _owner, uint256 _period) public {
    // Check if the owner has sufficient balance to lock
    require(balances[_owner] > 0, "Insufficient balance to lock");

    // Update the lock-up status and period of the VOB tokens
    locked[_owner] = true;
    lockPeriods[_owner] = _period;

    // Emit an event to log the lock-up status change
    emit LockStatusChanged(_owner, true);
}

// Function to release VOB tokens for a given address
function release(address _owner) public {
    // Check if the owner has locked VOB tokens
    require(locked[_owner], "No locked tokens to release");

    // Check if the lock-up period has expired
    require(lockPeriods[_owner] <= now, "Lock-up period has not expired");

    // Update the lock-up status and period of the VOB tokens
    locked[_owner] = false;
    lockPeriods[_owner] = 0;

    // Emit an event to log the lock-up status change
    emit LockStatusChanged(_owner, false);
}

// Function to transfer VOB tokens from one address to another
function transfer(address _to, uint256 _value) public {
    // Check if the sender has sufficient balance to transfer
    require(balances[msg.sender] >= _value, "Insufficient balance to transfer");

    // Check if the sender has locked VOB tokens
    require(!locked[msg.sender], "Cannot transfer locked tokens");
}

```

5-5 ONT BIT TEN & Trading Volume of VOB Token

The Importance of Trading Volume -

In the blockchain world, the trading volume determines the success and failure of cryptocurrency. For this reason, if there is a lot of liquidity in certain cryptocurrency, it is much easier for crypto holders to sell and buy. This is because it greatly helps to bring more users into a crypto's membership and platform.

In addition, cryptos with a large volume of transactions are an indicator of market demand which help secure more users.

The large volume of transactions greatly contributes to the market value of cryptocurrency. As they are recognized as a valuable and desirable cryptocurrency by investors, the cryptocurrency can directly lead to an increase in market value.

In distributed networks such as Blockchain, transaction volume becomes an important factor in terms of network security. Higher Transaction volumes make it more difficult for malicious actors to attack or manipulate the network, which is effective in increasing the security of the network..

High Transaction volumes also help improve the stability of the network by reducing the risk of network congestion and ensuring that transaction is handled efficiently, which plays a significant role in improving user experience and increasing confidence in the cryptocurrency.

9-4The Process of VOB Increasing the Volume as a Payment Token

To define the process of increasing VOB's transaction volume as a payment token, it will promote the benefits of using payment token, such as reducing transaction fee, reducing transaction time, and strengthening security.

The transaction volume of VOB Token as a payment method will increase by integrating with ONE BIT TEN Platform. We will further increase the volume by negotiating partnership with merchants, integrating with platforms and educating the benefits of payment token.

By providing incentives such as discounts and rewards for using the platform with VOB Token, we form a business process that increases trust and loyalty and increases the size of the transaction.

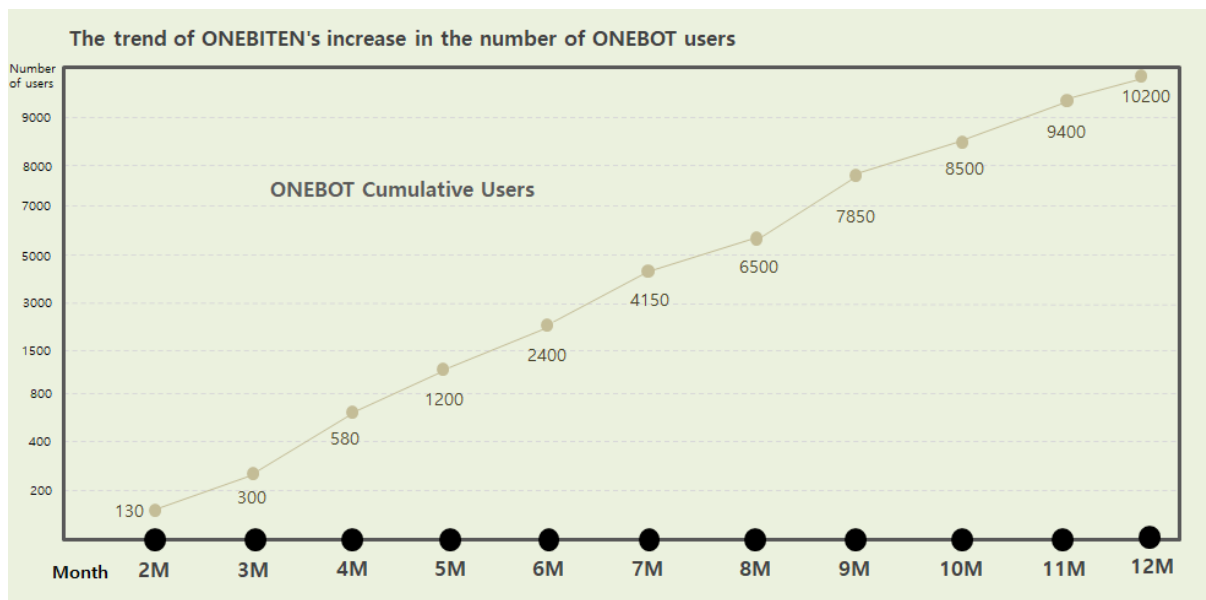
In order to increase the liquidity of VOB, OTC market will be provided, besides the centralized crypto exchange.

In addition, we will do our best to increase the volume by establishing partnerships with influential individuals and organizations within the cryptocurrency community as well as making efforts to carry out marketing and advertising extensively to increase the visibility of VOB Token.

ONE BIT TEN's ONEBOT Membership and Payment Scalability –

ONE BIT TEN Platform has been marketing "ONEBOT" for 10 months, launching in February 2022. ONE BIT TEN will plan and develop a structure that can develop into a business model and technological progress that can attract more members in the future.

[ONEBOT Platform Cumulative User Growth Trend]



It shows rapid growth rate of ONEBOT Platform users.

February-March : 131.54%

March-April : 115.86%

April-May : 105.00%

May-June : 100.00%

June-July : 72.34%

July-August : 29.41%

September-October : 8.16%

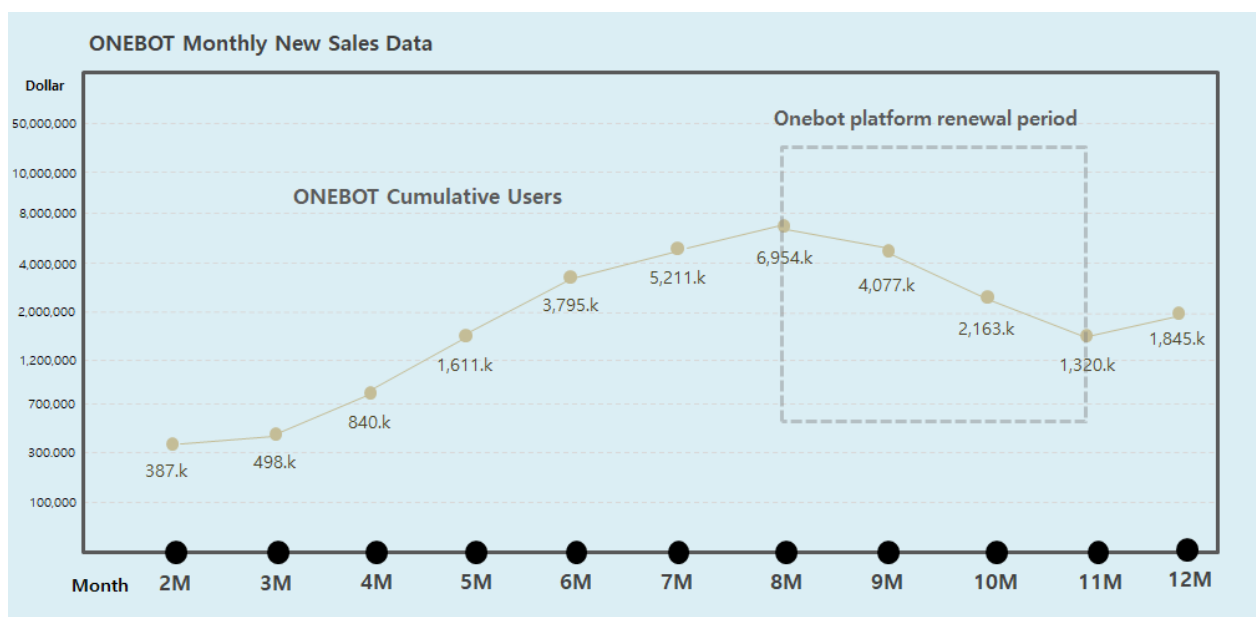
October-November : 10.47%

November-December : 8.77%

The monthly growth rate is as stated above.

The growth rate of the ONEBOT Platform is increasing with an average of 77.44% every month from February to December.

[ONEBOT Platform Monthly New Sales Data]



ONEBOT platform's sales growth rate increased by 252.61% from February to December 2022.

- In conclusion, the ONEBOT Platform shows that it has recorded a significant growth rate from attracting new users to sales.

Global Expansion of ONEBOT Platform –

ONEBOT Platform is aggressively expanding into the global market.

ONEBOT is thoroughly following the most important requirements in global expansion.

- Identification of Target Markets

7 In order to effectively segment targets and attract users, marketing is being carried out by understanding the unique characteristics and needs of users from various countries.

- Content Localization :

8 By translating and adjusting content for various markets, companies are creating a structure that can better communicate with users in the market.

- Partnership with Local Enterprises and Organizations

9 Conducting research and supplementing the needs of its members by working with national, regional and community organizations to build new markets and utilize their own existing networks.

- Communication on Social Median and Other Online Channels :

10 Aggressive marketing and usage of social media platforms and other online channels for communication and provoking participation of users in various countries and regions.

- Delivering Outstanding Customer Service :

11 ONE BIT Ten has recognized the importance of providing the highest level of customer service and has initiated step-by-step marketing schemes in order to build users' loyalty and trust in the ONEBOT Platform

ONEBITEN's ONEBOT will focus on global expansion by implementing aggressive and careful strategies, allowing partners located in each country and region to build a solid foundation to expand their user base and increase their membership.

Expansion of Members of ONE BIT TEN's ONEBOT by countries



7. ONT BIT TEN's NFT

What is an NFT?

NFT (Non-Fungible Token) is a digital asset provided in the form of art, music, in-game items, videos, and more. It is often bought and sold online as cryptocurrency and is usually encoded as the same basic software as many cryptocurrencies.

NFTs are irreplaceable because they make it impossible to be exchanged or equal to each other.

- NFT is an



NON-FUNGIBLE TOKEN

encryption asset in digital form.

- Unlike Bitcoin or any other cryptocurrencies, each NFT Token has its own uniqueness.
- Uniqueness allows both intangible or tangible assets to be Tokenized.
- NFTs are in stark contrast to cryptocurrencies that can be replaced like legal currency.

NFT can invest without having to physically own or store certain unique assets. Therefore, NFT facilitates transactions and greatly helps to expand the platform.



The following are the potential benefits to members of integrating NFT (Non-Fungible Token) on ONE BIT TEN's ONEBOT Platform.

- Verification of Authenticity and Ownership :

You can use NFT to claim ownership of your positional elements using your own rating located within the platform, and the ownership will be formed into a file which will soon be secured as a digital asset.

The secured digital asset will be recognized as a personalized digital asset.

Accordingly, when a third party is upper-regulated to the level in which it is located, the subject will have to purchase its own NFT item file, allowing the owner can generate revenue.

- Scarcity and Increase in Value

NFT can create scarcity and value by creating digital assets unique and distinctive. This will increase the perceived value in the market and lead to higher demand and prices.

- A New Stream of Revenue

NFT can generate new revenue streams for the platform by allowing users to buy, sell, and trade digital assets using Blockchain technology.

- Improved User Experience

NFT can enhance the user experience in the platform by giving users ownership and control over the digital asset.

- Increase User Engagement

NFT can further increase user engagement on the platform by providing a new layer of interaction and game elements that users can participate in.

Overall, NFT has infinite potential to add value and drive participation in the platform by creating scarcity and ownership of Digital Assets

Accordingly, in ONE BIT TEN's ONEBOT Platform, to encourage community participation, the level in the community is clearly determined according to the area of activity and contribution.

The items in the area about people in the community will be limited. Depending on the area, benefits will be clearly determined within the ONEBOT platform.

7-1 ONEBOT NFT_BEP721

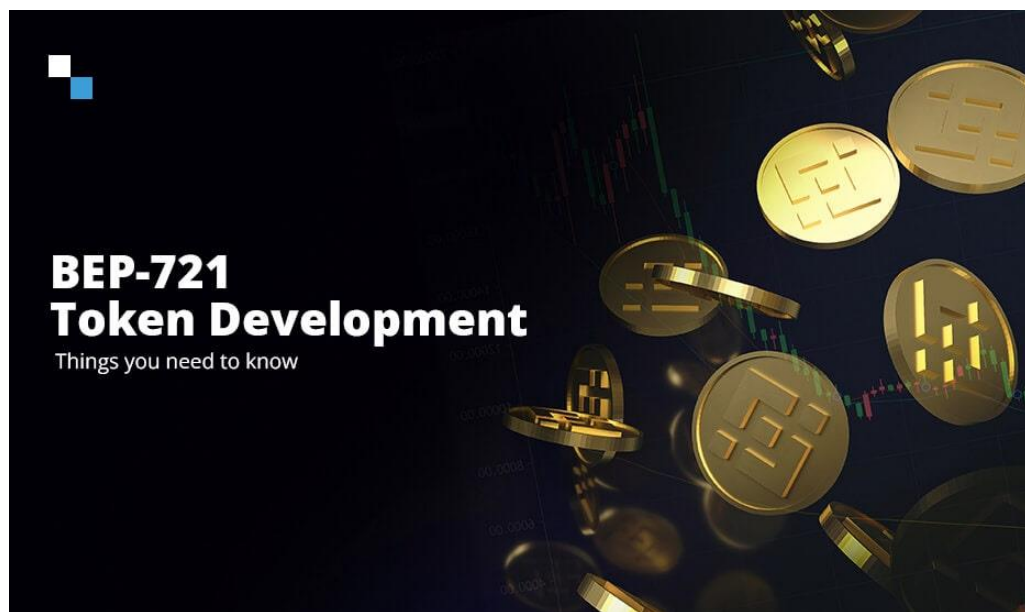
The ONEBOT Platform occurs in the NFT standard of BEP721.

12 Benefits issued by NFT in the standard of BEP721

Interoperability: BEP721 compliant NFTs can be easily integrated with a variety of Ethereum-based platforms and applications, which can significantly increase adoption for users and NFT investors.

Support for the Ecosystem

BEP721 is an extension of Ethereum ERC721, one of the most commonly used NFT standards, and is compatible with Ethereum Virtual Machine (EMV).



The

BEP721, an extension of Ethereum's ERC-721, is known for its security that can provide additional protection against NFTs issued according to standards.

Developers and users who are familiar with NFTs in the BSC ecosystem and who can help build and utilize NFTs in the BSC chain are increasing in rapid numbers.

Low Transaction Fees

The BSC chain is widely known to have a cheaper transaction Fee than other Blockchain networks, making it an attractive option for NFT issuance and trading.

High Expandability

Because BEP721 is designed to handle a large number of transactions quickly, which is an advantage of the BSC chain, it will be highly suitable for issuing and trading high-demand NFTs and will operate reliably on the platform.

7-2 Type of Items Used in the ONEBOT Platform

The community participation level in the ONEBOT Platform is divided into high and low levels.

- Low levels : A1 ~ A3
- High levels : F1 ~ F4

The community level of A1 is determined by the activity index. The community level is calculated based on the appropriate score.

The rating will be raised according to the activity performance of writing, commenting, and community opening, which will attract members through community activities and benefit from activation on the platform.

ONEBOT's NFT Community will be fun. It is necessary to thoroughly plan and implement how to break down interesting designs in ONEBOT's NFTC community and what experiences and experiences will help the platform grow into global activation..

Obtain a rating to secure the NFT. Ratings can be obtained on a scoring basis on conditions.

- Earn 30 points per unit by attracting members directly through the NEBOT Platform.
- If you follow through Facebook SNS Platform, you get 3 points per unit
- Get 3 points for 1 unit for follow through Twitter SNS Platform
- If you follow Instagram SNS Platform, you get 3 points for 1 unit
- 100 points for more than 100 comments in 30 days on each SNS점
- 70 points for more than 80 comments on each social media account

- 50 points for more than 60 comments on each social media account
- 30 points for more than 40 comments on each social media account
- 10 points for more than 20 comments on each social media account

Grades awarded will be updated to your account on ONEBOT Platform.

Labor-intensive score mining will continue to accumulate, and users who attempt to mine scores will receive NFT Mining, thus defending the Panic Cell coming, even if the value of Token and NFT falls in the direction of decline.

This phenomenon is also related to the IKEA effect. The IKEA effect refers to the effect of assembling furniture and others, which is more attached to me because I made it with deep enthusiasm, even if it is sloppy than the finished product actually sold.

In this way, users will contribute to community formation through this process, and through this contribution, they will feel the sense of belonging and pride of Bo-in and become more attached to the community.

NFT Owners and VOB Tokens

- By introducing the Group Fair system to attract members to ONEBOT, a group is formed as members attract members, and when the group reaches a certain score, NFT scores and VOB Token are air-dropped to all members of the group.

In this naturally shared community, the attachment to the platform and the natural assimilation in the flow of Token and NFT will be able to obtain a process of generating holders on their own.

- The quantity of items according to the level is mined very limitedly.

- Since the acquired NFT is mined in a very limited number, if the NFT is not sold even if the score is raised, the price increased according to scarcity.
- NFT owners will frequently receive air drops that match their ratings within ONEBOT's ecosystem, showing great potential for attraction as an investment value.

Projected NFTs to be Published –



Rating based on acquisition score -

- Based on LOW level scores

A~1 level 30,000 points

A~2 level 100,000 points

A~3 level 250,000 points

- Based on HIGH level scores

F~1 level 500,000 points

F~2 level 1,000,000 points

F~3 level 13,000,000 points

F~4 level 10,000,000 points

ONEEBOT's NFT will be the standard for NFT depending on how well the liquidity pool continues to be constructed in the future. Since NFT still has more impatient investors than investors who believe in the value of the project in the market, it will have to operate by dividing several utilities and communities within the NFT project. As the design of rarity and difficulty of collection is more important, a structure should be formed in which NFTs are entitled to be acquired according to specific behaviors, rather than NFTs that are simply purchased at an amount.

In WEB3, NFT can be viewed as a ticket, not simply consumption. The community of ONEEBOT activating NFT will grow to the following 5P (element).

- Purpose : What did we get together for?
- People: A sense of belonging and interaction

- Practice : Need for recurring collaborative activities
- Place : A place where you can communicate comfortably
- Progress : A culture of "contributing first" for internal/external motivation

In conclusion, these 5P items will act as a factor to provide an optimal user experience, and in this process, you will feel not only fun but also growth.

For Common Goals –

ONEEBOT's community will deviate from the form of participation of only a few key members of the organization for common goals, and profits from common activities will be evenly distributed according to their contribution as the community grows.

When the conditions of the road map where NFT is launched are combined, ONEEBOT NFT Community will change into a system suitable for transparency and fairness. In this process, users will be able to experience the growth of the community and platform together.

6-3 Code to Mint NFTs of ONEBOT in Standard of BEP-721 (Example)

```
const Binance = require('@binance-chain/javascript-sdk');

async function mintNFT(
  apiKey,
  apiSecret,
  contractAddress,
  symbol,
  tokenId,
  metadata
) {
  // Initialize the Binance Chain SDK
  const client = new Binance.Binance({
    apiKey: apiKey,
    apiSecret: apiSecret
  });

  // Set the contract address and symbol for the NFT
  const contract = client.contract(contractAddress, symbol);

  // Mint the NFT by calling the "mint" method on the contract
  const txResult = await contract.mint(tokenId, metadata);

  console.log('NFT minted with transaction hash: ${txResult.hash}');
}
```

[To use the code of the above function, apply the address of the NFT contract with Binance Chain API KEY, NFT symbol, NFT Token's ID, and NFT's MetaData.]

MetaData generation code for NFT under the name of F-1 level on ONEBOT Platform

```
const metadata = {
  name: 'F-1 grade', // The name of the NFT
  description: 'This is an F-1 grade NFT', // A description of the NFT
  external_url: 'https://example.com/f1-grade-nft', // A URL with more information
  about the NFT
  image: 'https://example.com/f1-grade-nft/image.png' // A URL to an image
  representing the NFT
};
```

The example MetaData object is a field and description of the name set to "F-1 grade" to

be used on the ONEBOT Platform, and should contain additional fields for external and image URLs.

Include information to be used for NFT in ONEBOT by modifying the field or adding the field as needed..

- Code to do NFT Minting under the name of ONEBOT (example) –

- APIKEY : Binance Chain's key
- Contract address: NFT contract address
- Symbol : NFT Symbol
- TokenID : Create an example with a field set to "ONEBOT"

After initializing the SDK of the chain to mint the NFT and establishing a contract and symbol for the NFT, mint in Contract with the specified Token ID and Meta Data and call the method.

```

const Binance = require('@binance-chain/javascript-sdk');

async function mintNFT(
  apiKey,
  apiSecret,
  contractAddress,
  symbol,
  tokenId,
  metadata
) {
  // Initialize the Binance Chain SDK
  const client = new Binance.Binance({
    apiKey: apiKey,
    apiSecret: apiSecret
  });

  // Set the contract address and symbol for the NFT
  const contract = client.contract(contractAddress, symbol);

  // Mint the NFT by calling the "mint" method on the contract
  const txResult = await contract.mint(tokenId, metadata);

  console.log('NFT minted with transaction hash: ${txResult.hash}');
}

// Specify the metadata for the NFT
const metadata = {
  name: 'ONEBOT', // The name of the NFT
  description: 'This is an ONEBOT NFT', // A description of the NFT
  external_url: 'https://example.com/onebot-nft', // A URL with more information
  about the NFT
  image: 'https://example.com/onebot-nft/image.png' // A URL to an image
  representing the NFT
};

// Mint the NFT using the 'mintNFT' function
mintNFT(apiKey, apiSecret, contractAddress, symbol, tokenId, metadata);

```

The NFT is generated under the name of "ONEBOT", and the code defines a function called Minting, which can be used to generate NFT in the BSC chain, and the function combines several arguments, including the Binance Chain API key and secret, the contract address of the NFT contract, the symbol of the NFT, the Token ID of the NFT, and the Meta Data of the NFT.

The NFT function to be minted does the following:

Initialize the Binance Chain Java Script SDK using API keys and passwords, and establish contracts and symbols for NFTs using the contract address and symbols provided as arguments.

Mint the NFT by calling the Minting method of the contract using the specified Token ID and Meta Data.

A message is printed on the Console indicating that the NFT is joined by a specific Transaction hash, and the MetaData for the NFT includes the name field set to "ONEBOT" and the field for the description, external URL, and image URL.

8. ONE BIT TEN's Dashboard

8-1 ONEBOT Platform's Index Data



Accurate data such as data analysis services and solutions based on AI

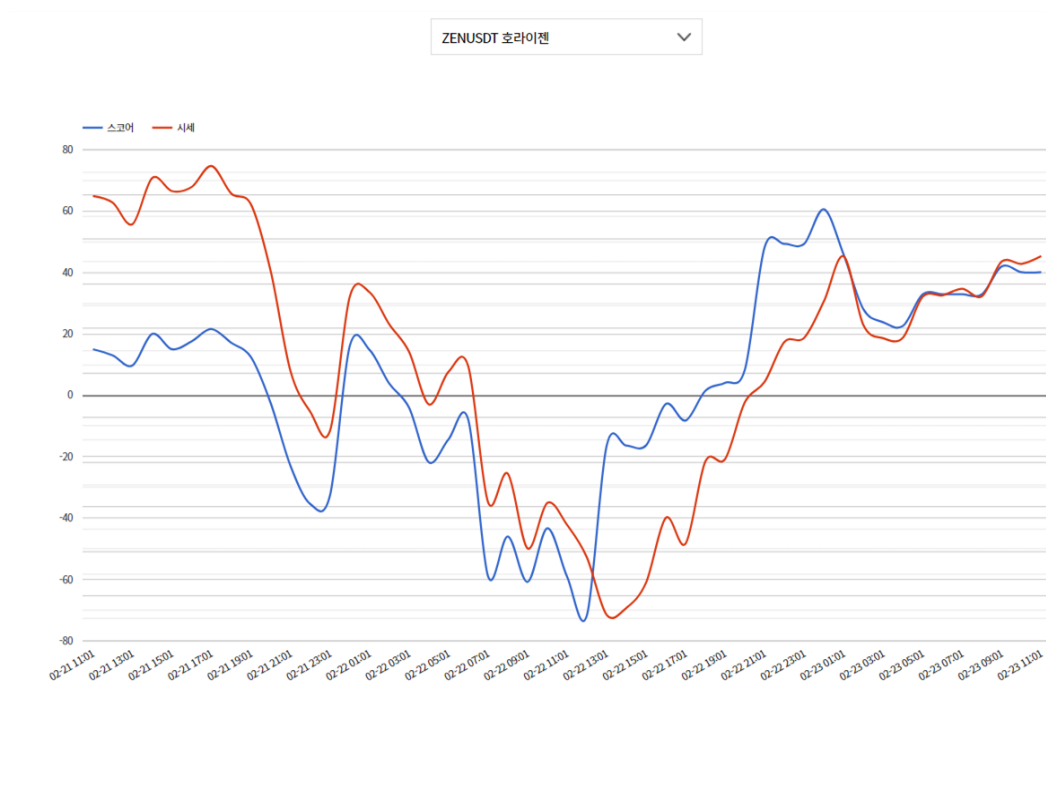
After analyzing it based on the foundation, we deliver high-quality data to the customer.

ONEBOT analyzed the cryptocurrency market 24 hours ago
and an hour ago

Based on leading index score predicting coin market price

Deep learning AI robot.

Score Chart



Onebot Score

Range: -250 to 250

By Left Axis

Marked by a blue line

Based on Binance

Market unit: USDT

Right axis reference

Marked by red lines

Score every hour and
an update on the market

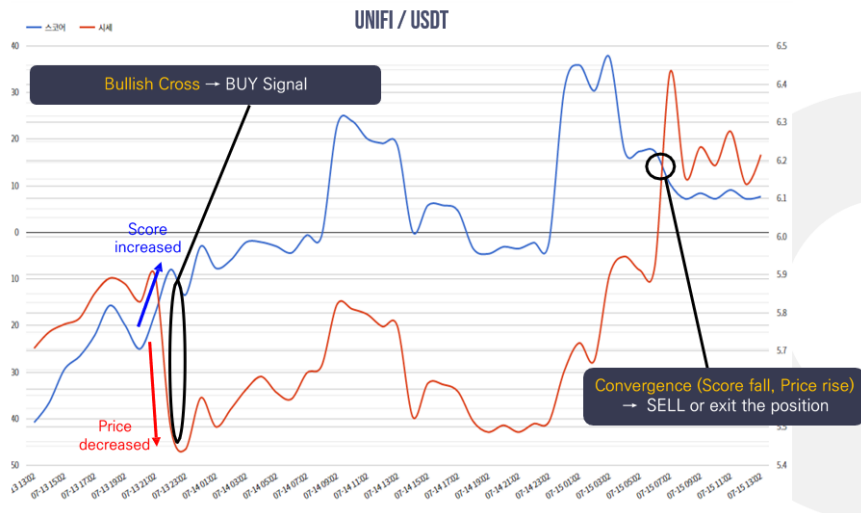
(On time + 2 minutes)

Onebot Score

Duration of notation:

2 days' worth of data

Cross Examples



Exit Position
Time: 07-15 06:01
Settlement price (market price):
6.504
Reason for exit: Reduction of
segregation

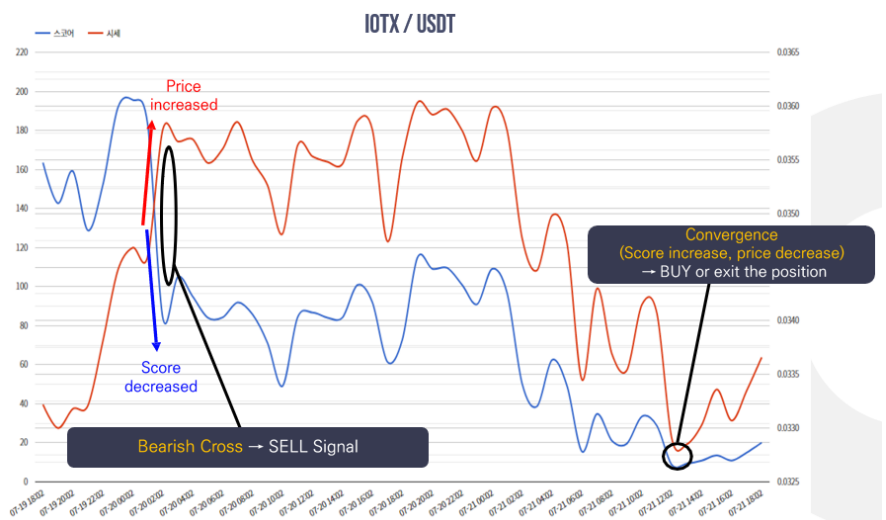
Long Position Entered
Time: 07-14 23:01
Entry price (market price): 5.422
Reason for entry: Cross, separating

Expected Returns
(leverage x1)

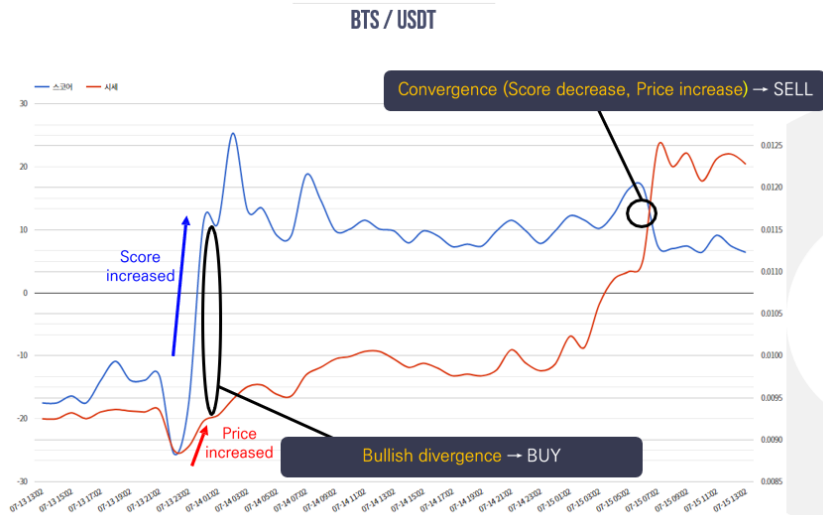
Short Position Entered
Time: 07-2003:01
Entry price (market price): 0.03600
Reason for entry: Crossing, separating

Exit Position
Time: 07-219 13:01
Settlement price (market price):
0.03239
Reason for clean-up: Less separation

Expected Returns
(leverage x1)



Divergence Example



Enter Long Position

Time: 07-14 101:02

Entry price (market price): 0.00927

Reason for entry: Upward separation

Exit Position

Time: 07-15 06:02

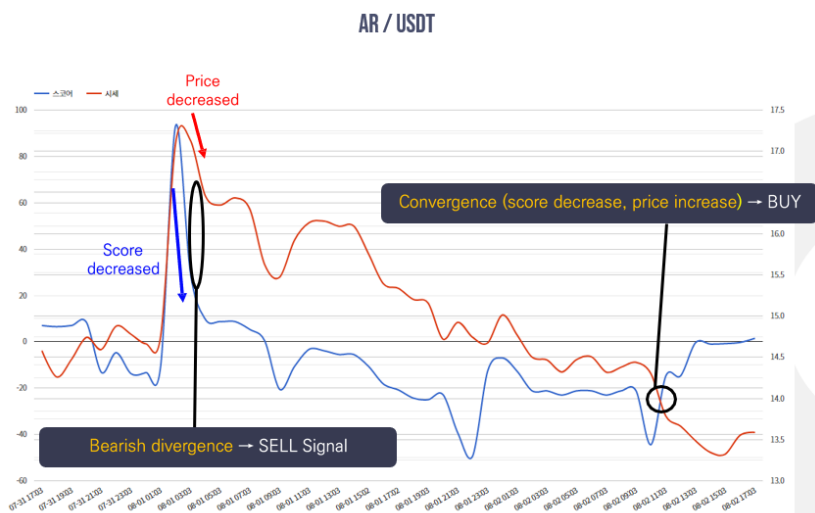
Current price (market price):

0.01291

Expected Returns

(leverage 1x)

+39.3%



Enter Short Position

Time: 08-010 03:01

Entry price (market price): 17.3

Reason for entry: downward separation

Position Summary

Time: 08-02 11:01

Current price (market price): 13.61

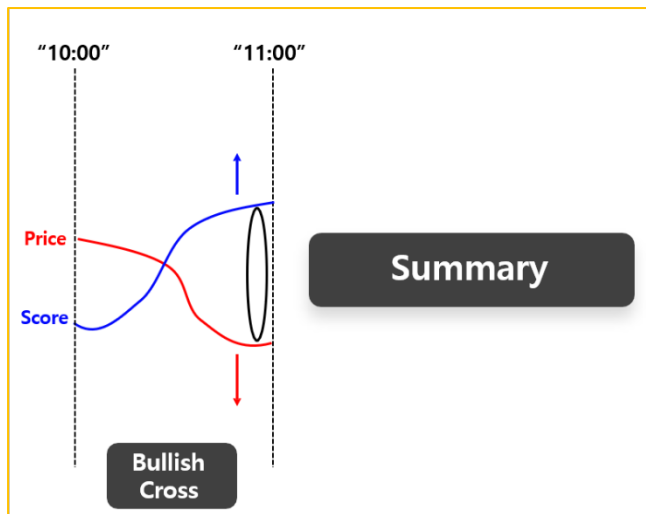
Reasons for retention: Less separation

Expected Returns

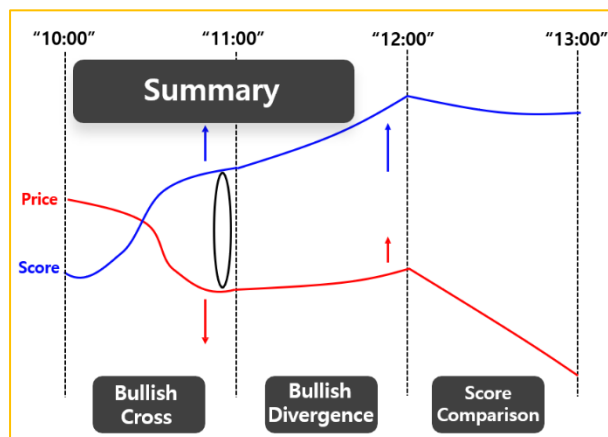
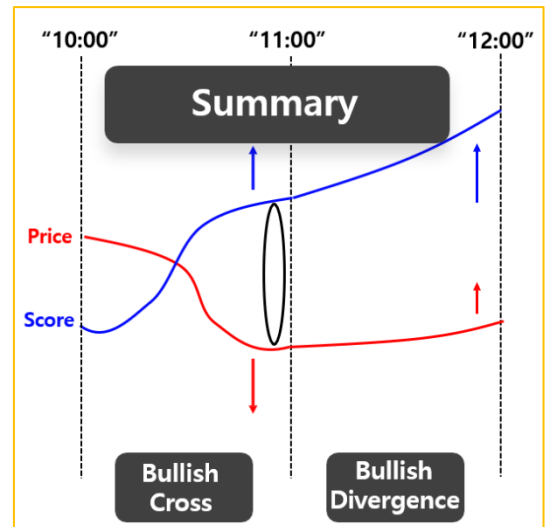
(leverage 1x)

-21.220%

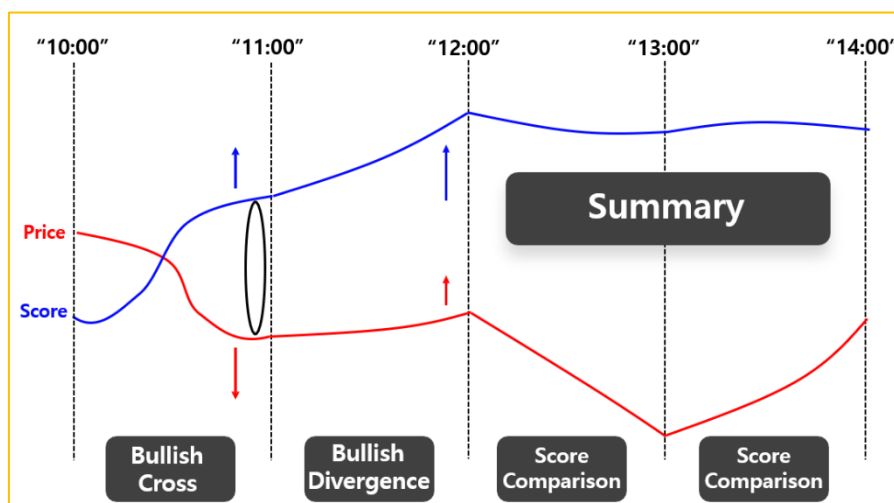
Signal Step. 1



Signal Step. 2

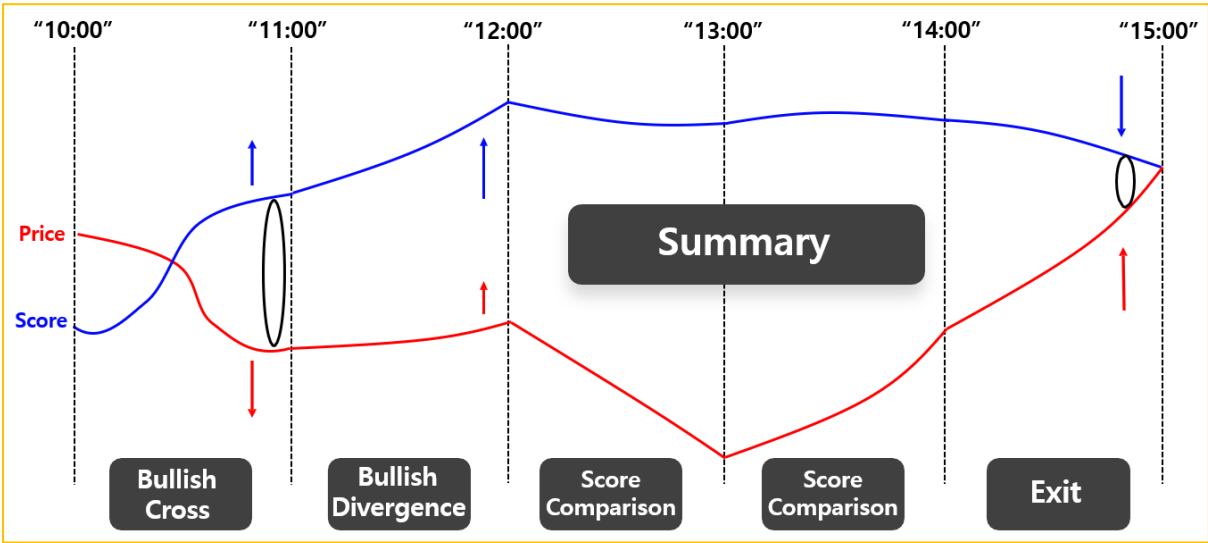


Signal Step. 3

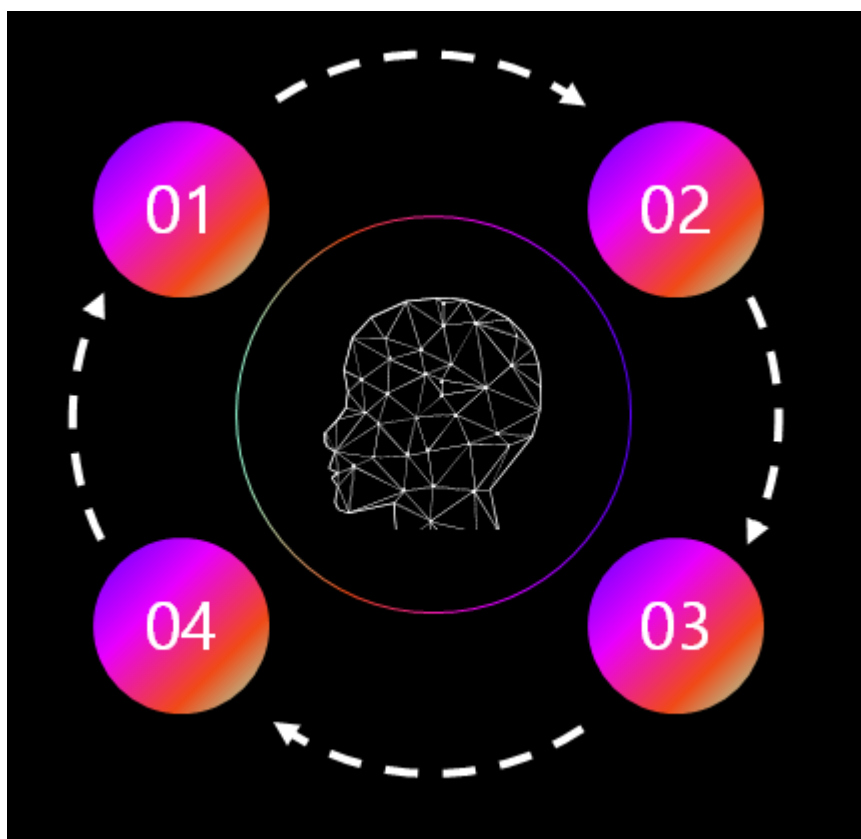


Signal Step. 4

Signal Step. 5



8-2 ONEBOT's AUTO TRADING 4.0



- Position Entry Notification

13 View Position entry notifications to see the number of connections to the exchange

- ONEBOT Chart Confirmation

14 Check the ONEBOT chart of the coin after accessing the FOC Platform and Application

- Position clean-up after revenue

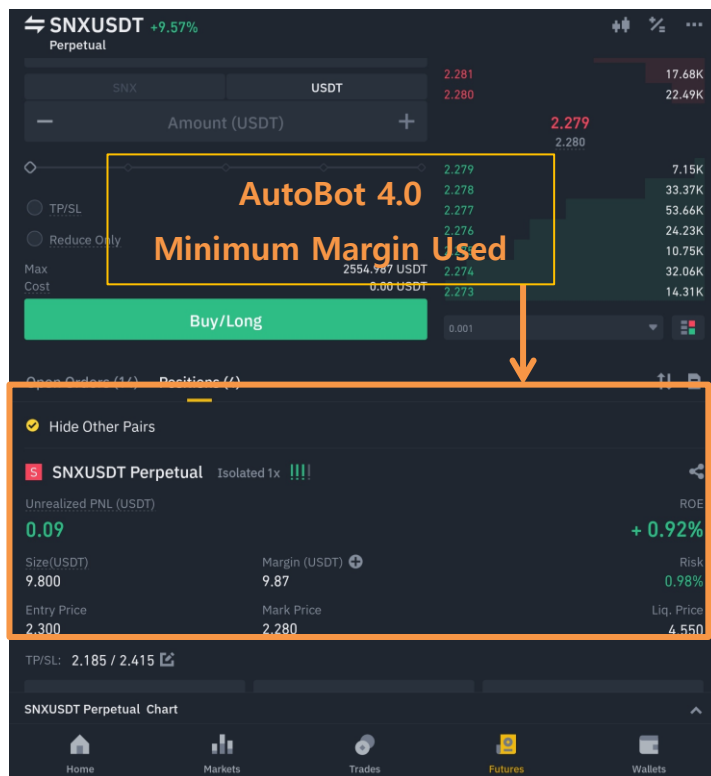
15 Clear position when desired profit occurs

- Position summary Or additional investment judgment

16 - If you want to organize the position, you can organize it arbitrarily, and if you put it

into the position, select the desired leverage and the desired amount and enter additionally

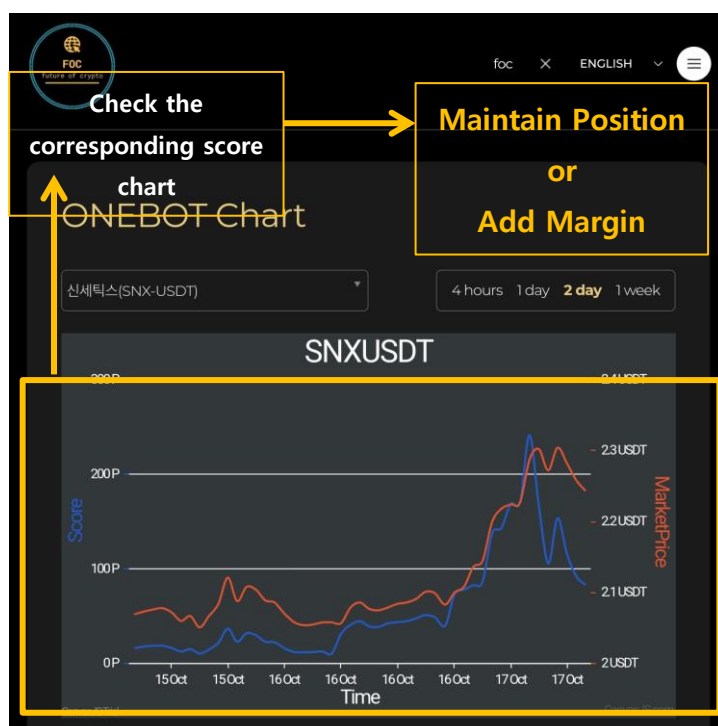
8-3 ONEBOT 4.0 Application. ONE



1

AutoBot 4.0 Position Entry Using Minimum Margin (Alarm Notification)

8-4 ONEBOT 4.0 Application. TWO



2

Access to FOC and check the corresponding crypto score chart

8-5 ONEBOT 4.0 Application. **Three**

The screenshot displays the ONEBOT 4.0 application interface for trading SNX/USDT Perpetual contracts. The interface includes a top navigation bar with tabs for USDⓈ-M, COIN-M, Options, and Leaderboard. The main trading area shows the SNX/USDT Perpetual contract with a price of 2.274 and a volume of 2545.92 USD. The interface also features a 'Buy' button, a 'Sell' button, and a 'Limit' order type. A 'Positions (3)' button is visible at the bottom. A series of five numbered steps are overlaid on the right side of the interface, guiding the user through the trading process.

- ① Choose Leverage
- ② Long/Short
Select Direction
- ③ Enter additional price to enter
- ④ Submit additional amount to enter
(Number of coins or USDT amount)
- ⑤ Re-check and click on the above

9. ONEBOT & AI

AI of ONEBOT was constructed by following the steps to build an AI system that collects and processes large amounts of data to facilitate automated index and trading.

9-1.Data Collection

In addition to the transaction volume of the large token market related to the trading strategy, the quantity sold, the quantity purchased, the quantity transferred from the wallet of tokens, the quantity data transmitted and received by each token, economic data, news, articles, and social media data All data sources that can be useful are included to combine data.

[example code for data collection]

```
// Replace with your API key and secret
$apiKey = 'YOUR_API_KEY';
$apiSecret = 'YOUR_API_SECRET';

// Set the URL for the API endpoint
$url = 'https://api.coinexchange.com/v1/market/getopenorders';

// Set the request method and content type
$method = 'GET';
$headers = array(
    'Content-Type: application/json',
    'Authorization: apikey ' . $apiKey
);

// Initialize cURL
$ch = curl_init();

// Set the API endpoint URL
curl_setopt($ch, CURLOPT_URL, $url);

// Set the request method
curl_setopt($ch, CURLOPT_CUSTOMREQUEST, $method);

// Set the headers
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);

// Set the API secret as the password for HTTP basic authentication
curl_setopt($ch, CURLOPT_USERPWD, $apiSecret . ":" );

// Set cURL to return the response data as a string
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);

// Execute the request
$response = curl_exec($ch);

// Close cURL
curl_close($ch);

// Decode the response data into a PHP object
$data = json_decode($response);

// Extract the relevant data from the response object
$transactionVolume = $data->TransactionVolume;
$salesVolume = $data->SalesVolume;
$purchaseVolume = $data->PurchaseVolume;
$withdrawalVolume = $data->WithdrawalVolume;
$depositVolume = $data->DepositVolume;

// Do something with the data (e.g. store it in a database, use it to make a
trade, etc.)

?>
```

This code uses CURL and PHP to make an API request to the coin exchange, retrieves Bitcoin OpenData, decodes the response data into a PHP object, and extracts and saves related data (transaction volume, sales volume, purchase volume, withdrawal volume, deposit volume) to variables.

9-2.Data Pre-Processing

After the data was collected, the data was preprocessed to prepare for analysis, and tasks such as data cleaning, filtering out irrelevant data, converting the data into a usable format, and resizing the data were performed.

[Example code inserted into the data base by searching the collected data with SQL Query using the data base, setting the data base and table, and saving it]

```
CREATE DATABASE bitcoin_trading;

USE bitcoin_trading;

CREATE TABLE volumes (
  id INT AUTO_INCREMENT PRIMARY KEY,
  transaction_volume FLOAT,
  sales_volume FLOAT,
  purchase_volume FLOAT,
  withdrawal_volume FLOAT,
  deposit_volume FLOAT,
  timestamp DATETIME DEFAULT CURRENT_TIMESTAMP
);
```

```

// Replace with your database connection details
$host = 'localhost';
$user = 'username';
$password = 'password';
$dbname = 'bitcoin_trading';

// Set the transaction volume, sales volume, purchase volume, withdrawal volume,
and deposit volume
// variables with the relevant data collected from the API
$transactionVolume = 123,45;
$salesVolume = 67,89;
$purchaseVolume = 12,34;
$withdrawalVolume = 56,78;
$depositVolume = 90,12;

// Create a connection to the database
$conn = new mysqli($host, $user, $password, $dbname);

// Check if the connection was successful
if ($conn->connect_error) {
    die('Connection failed: ' . $conn->connect_error);
}

// Insert the data into the database
$sql = "INSERT INTO volumes (transaction_volume, sales_volume, purchase_volume,
withdrawal_volume, deposit_volume) VALUES (?, ?, ?, ?, ?)";
$stmt = $conn->prepare($sql);
$stmt->bind_param('ddddd', $transactionVolume, $salesVolume, $purchaseVolume,
$withdrawalVolume, $depositVolume);
$stmt->execute();

// Close the connection to the database
$conn->close();

?>

```

The example code above is an example of setting up a MySQL Database with a volume table to store data, inserting data into the table, and tracking the time of collected data using the field because Timestamp field is basically set to the current time.

SQL queries such as SELECT, WHERE, GROUP BY, HAVING, and ORDER BY were used to search and analyze data in the database. Then, it retrieves the total past transaction volume using query.

```
SELECT SUM(transaction_volume) FROM volumes WHERE timestamp >= NOW() - INTERVAL 7 DAY;
```

The above Query selects the sum of the Transaction_volume field from all rows of the volume table, and Timestamp is processed as greater than or equal to the value obtained by subtracting 7 days from the current time.

[data filtering code example that is not needed in the data processing process]

```
// Replace with your database connection details
$host = 'localhost';
$user = 'username';
$password = 'password';
$dbname = 'bitcoin_trading';

// Set the minimum transaction volume to filter out
$minTransactionVolume = 100.00;

// Create a connection to the database
$conn = new mysqli($host, $user, $password, $dbname);

// Check if the connection was successful
if ($conn->connect_error) {
    die('Connection failed: ' . $conn->connect_error);
}

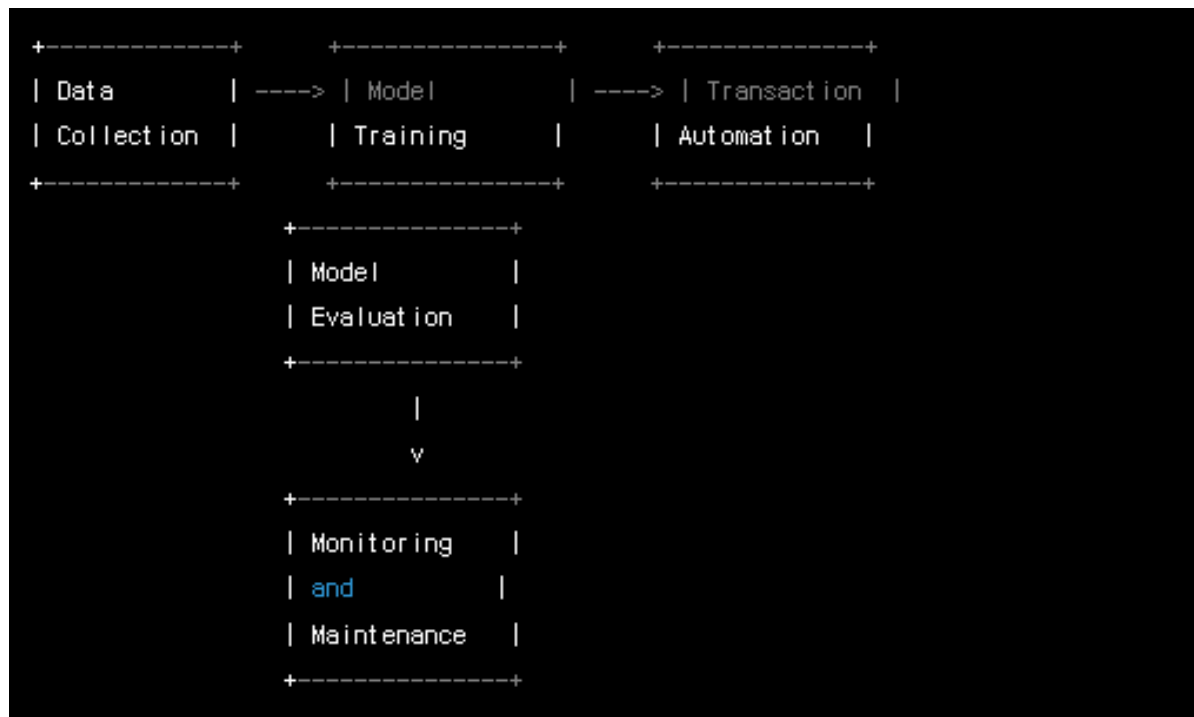
// Select only rows where the transaction volume is greater than or equal to the
minimum
$sql = "SELECT * FROM volumes WHERE transaction_volume >= ?";
$stmt = $conn->prepare($sql);
$stmt->bind_param('d', $minTransactionVolume);
$stmt->execute();

// Fetch the results as an associative array
$result = $stmt->get_result();
$rows = $result->fetch_all(MYSQLI_ASSOC);

// Do something with the filtered data (e.g. display it, analyze it, etc.)

// Close the connection to the database
$conn->close();

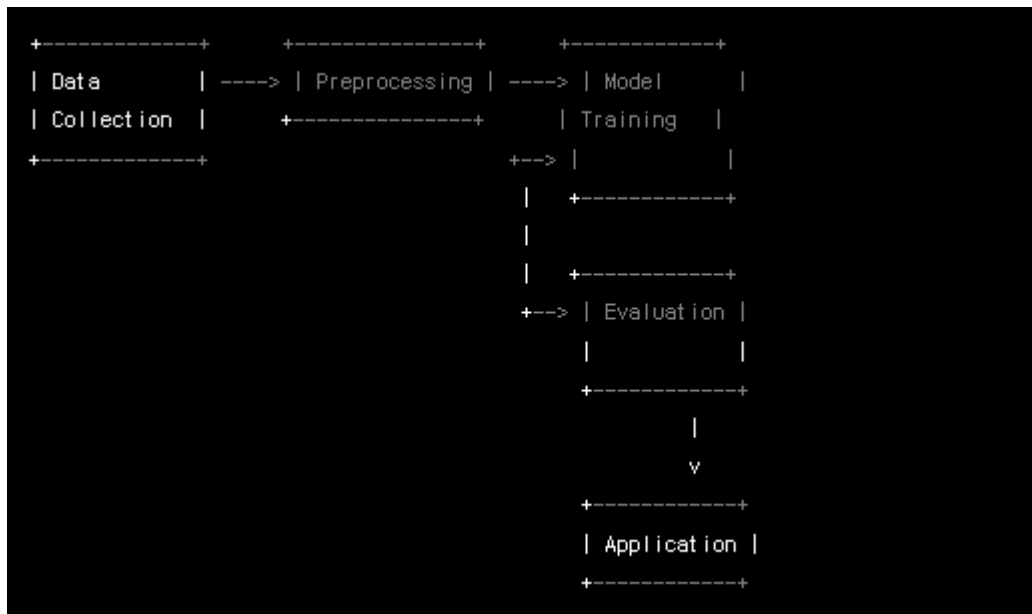
?>
```



The diagram above shows how the Data Collection and Preparation component feeds data to the Model Training component, which in turn creates a trained model that is evaluated by the Model Evaluation component.

The following result model is used by the Transaction Automation component to automate the transaction, and the monitoring and maintenance component monitors and maintains the system.

[The diagram below is a diagram of the process of analyzing Bitcoin data using machine learning and deep learning]



The Diagram above is a block diagram of how the data collection component imports data on Bitcoin sales volume, purchase volume, deposit and withdrawal, and withdrawal and deposit of coin exchanges. The data is a schematic part of the process of training a machine learning or deep learning model.

9-3.Machine learning model training

Supervised learning algorithms are used to train models on pre-processed data using machine learning and predict future market movements.

[Example of applying a linear regression model during machine learning with filtered data]

```
// Include the PHP Machine Learning library
require_once 'vendor/autoload.php';

// Replace with your database connection details
$host = 'localhost';
$user = 'username';
$password = 'password';
$dbname = 'bitcoin_trading';

// Set the minimum transaction volume to filter out
$minTransactionVolume = 100.00;

// Create a connection to the database
$conn = new mysqli($host, $user, $password, $dbname);

// Check if the connection was successful
if ($conn->connect_error) {
    die('Connection failed: ' . $conn->connect_error);
}

// Select only rows where the transaction volume is greater than or equal to the
minimum
$sql = "SELECT * FROM volumes WHERE transaction_volume >= ?";
$stmt = $conn->prepare($sql);
$stmt->bind_param('d', $minTransactionVolume);
$stmt->execute();

//
```

This is an example of applying code that uses the PHP machine learning library and learns as a linear regression model using filtered data.

9-4.Using ONEBOT's Deep learning

It was developed to analyze data using deep learning technology and identify patterns or trends that can easily detect abnormal data using existing machine learning methods.

[The method of analyzing data with deep learning uses libraries such as TensorFlow, Keras, and PyTorch, and these libraries are used as tools for building and training deep neural networks. The following code example uses TensorFlow Library to deep neural networks This is a code example that analyzes data to build and train.]

```
// Include the TensorFlow library
require_once 'vendor/autoload.php';

use TensorFlow\Tensor;
use TensorFlow\Lite\Interpreter;
use TensorFlow\Lite\Model;

// Load the model from a file
$model = Model::fromFile('model.tflite');

// Create an interpreter to run the model
$interpreter = new Interpreter($model);

// Set the input shape of the model
$inputShape = $interpreter->inputTensorShape(0);

// Define the input data as a 2D tensor
$input = Tensor::fromArray([[1, 2, 3, 4, 5]]->resize([1, count($inputShape)]));

// Run the model with the input data
$interpreter->invoke();

// Get the output data from the model as a 2D tensor
$output = $interpreter->tensor(0);

// Extract the values from the tensor as an array
$values = $output->flat();

// Do something with the output data (e.g, make a prediction, classify the data,
etc.)

?>
```

The

code above creates an interpreter and then defines some input data as tensors. After running the model with the input data and retrieving the output data as tensors, the output data was extracted into an array for further analysis or prediction.

9-5.Automation of Transcation

Transactions can be automated based on insights gained from machine learning and deep learning models. Here, we have completed the construction of a software platform that integrates the market with the data of the selected tokens and substitutes the transaction using the expected data of the model.

As a data collection and preparation for education, large-scale past transaction data to be used as machine learning data for transaction automation was set, and related context or functions that could be useful for predicting future transactions and information about the transaction itself were included.

data pre-processing, data was pre-processed to ensure that the data was in a suitable format for training before model training, and data cleaning and filtering values, result value processing, and data normalization and scaling were included.

After data training, performance evaluation is used to check how well it can predict future transactions, and a holdout set of data is used to test the model, and a cross-validation technique is used to confirm robustness and reliability.

To evaluate the robustness and reliability of deep learning using holdout set of data, we divide it into Data training and Set. First, we divide the Data Set into Training Set and Test Set, which are used to train Data and evaluate the performance of the Test model. Much of the data is used for training rather than for testing.

Since deep learning models can be trained using training sets of model training, we use them for prediction using supervised learning algorithms such as neural networks and incorporate patterns of data into learning.

After model training, it is included by calculating performance metrics such as accuracy and precision to evaluate performance using TestSet and to see how well the model predicts for TestSet.

The following is an overfitting check, which does not perform better in black data than in training data to prevent the model from overfitting. It is in the process of collecting more data to adjust the model and improve the performance of the model.

```
# Split the data into training and testing sets
x_train, x_test, y_train, y_test = train_test_split(X, y, test_size=0.3)

# Train the model using the training set
model = create_model()
model.fit(x_train, y_train)

# Evaluate the model using the testing set
score = model.evaluate(x_test, y_test)

# Print the performance metrics
print('Accuracy:', score[1])
print('Precision:', score[2])

# Check for overfitting
if score[1] > 0.8 and score[2] > 0.8:
    print('Model is robust and trustworthy')
else:
    print('Model may be overfitting')
```

Example of Python Deep learning to show Process in code

The performance metrics are compared with thresholds (0.8) to determine whether the model is overfitting and considered robust and reliable if the model is judged to be performing well on both training and TestSet.

It took a significant amount of work to build an AI trading system for illustrated data and automated transactions, and the ONEBOT Platform was developed by building thorough knowledge of the Token market and trading strategy by conducting numerous studies and tests for a strong understanding of machine learning and deep learning techniques.

9-6. ONEBOT AI nerve Network

Neural networks are a type of machine-learning model inspired by the structure and function of the human brain, consisting of layers of "neurons" where the mathematical functions of processing and transmitting information are interconnected.

- Predictive Modeling

Neural networks can be trained to predict future Bitcoin prices or trading volumes based on historical data. Here, we use supervised learning techniques such as regression or classification to learn patterns of data that can be used for prediction.

- Detection of Abnormalities

Neural networks are trained to detect abnormal patterns of data, such as sudden volume changes or abnormal transaction patterns. This includes using unsupervised learning techniques to identify abnormal or unexpected data patterns.

- Feature Extraction

Neural networks are used to oust useful features or characteristics from Data, which can be used to train Machine learning models or make more accurate predictions. Here, it involves techniques such as Deep learning or autoencoder to learn complex patterns of data and extract useful features.

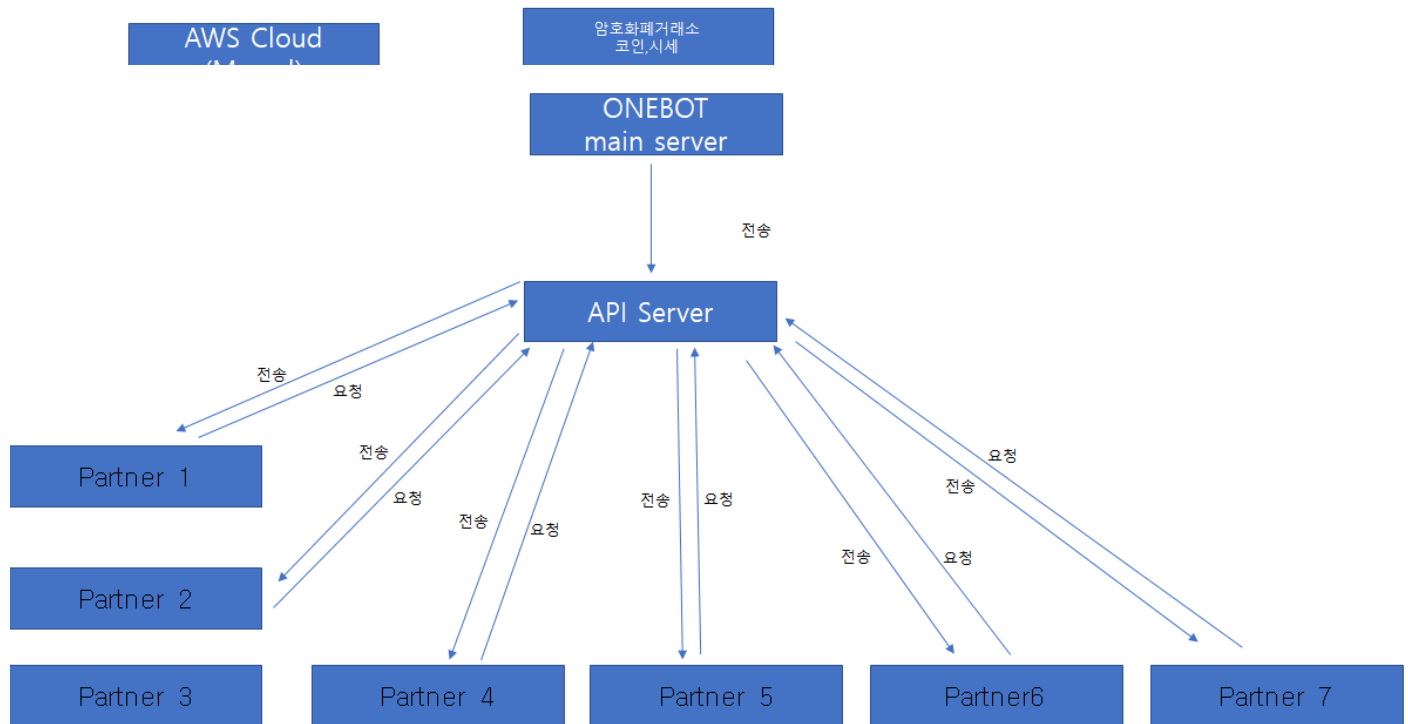
9-7.Visualization Data

Neural networks are used to create visualizations of data, such as plots and graphs, that can help you understand and analyze trends or patterns of data. This includes using technologies such as T-SNE or UMAP to reduce the dimensions of data and make it easier to visualize.

Overall, neural networks become powerful tools for analyzing and understanding complex data. It is used in various ways as part of deep learning workflow. It was developed by carefully considering the specific goals and necessity of the analysis when determining the neural network method to build the neural network of ONEBOT.

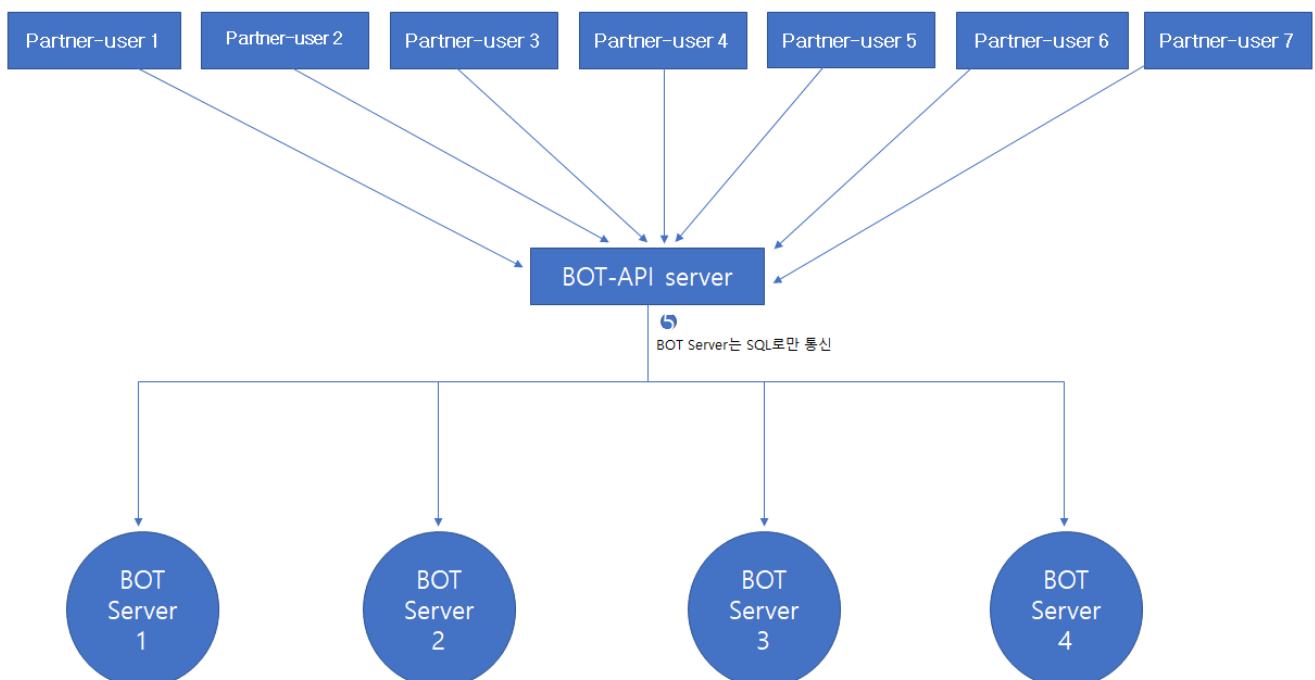
10.ONEBOT's Operation Process Architecture

ONEBOT Platform's Data Processing Architecture

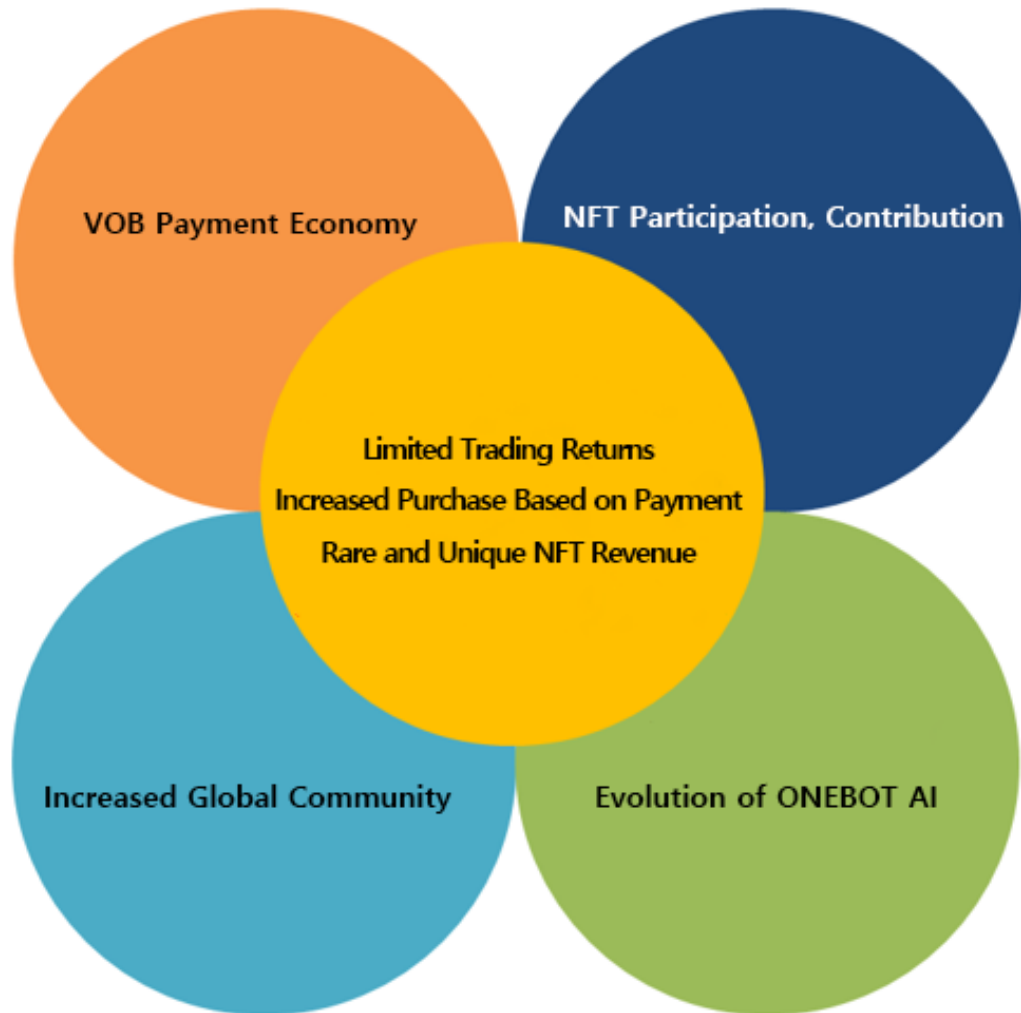


ONEBOT Platform's API Architecture

ONEBOT Platform's BOT API Architecture



11.ONT BIT TEN's Development Strategy



9 Increased natural purchase trend for ONEBOT payment

10 Increase community voluntary participation and vitalize community for NFT

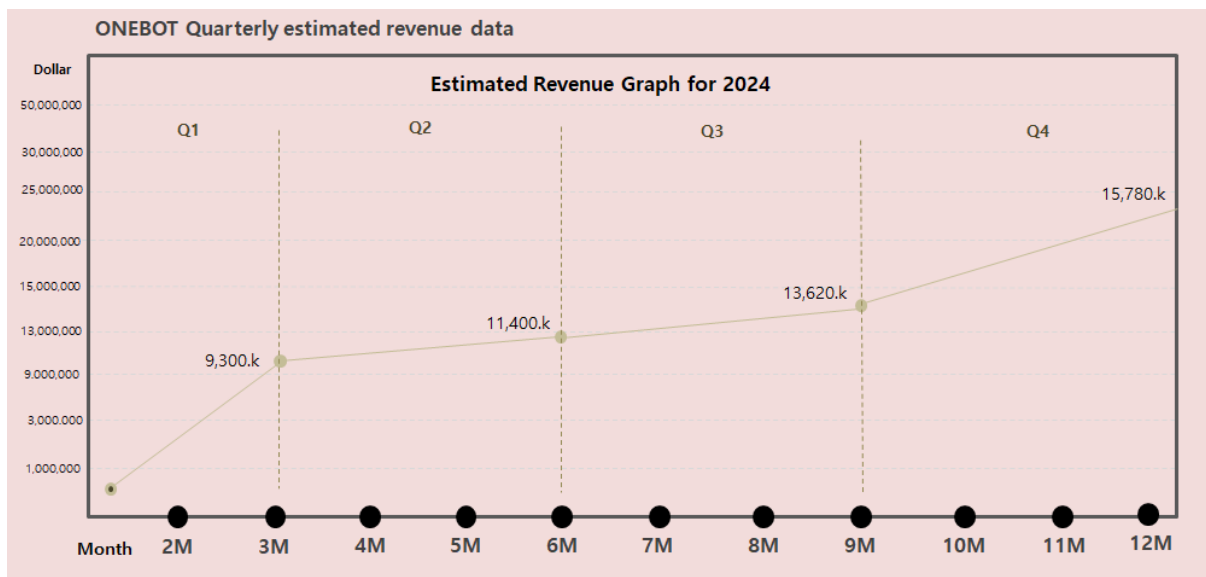
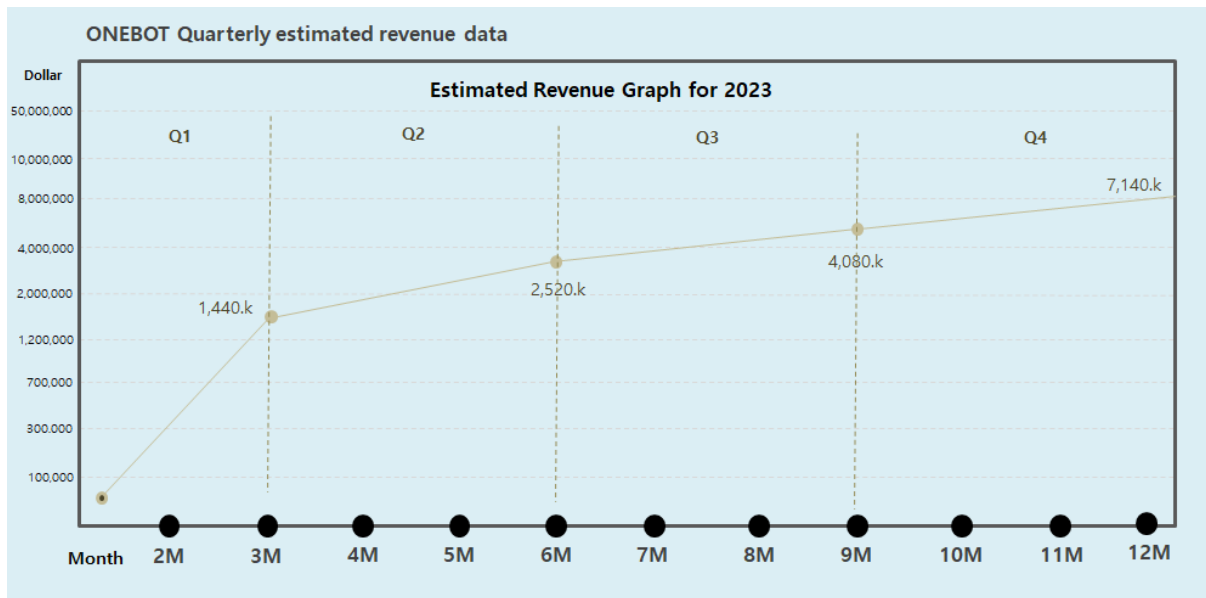
11 Evolution of AI-based ONEBOT

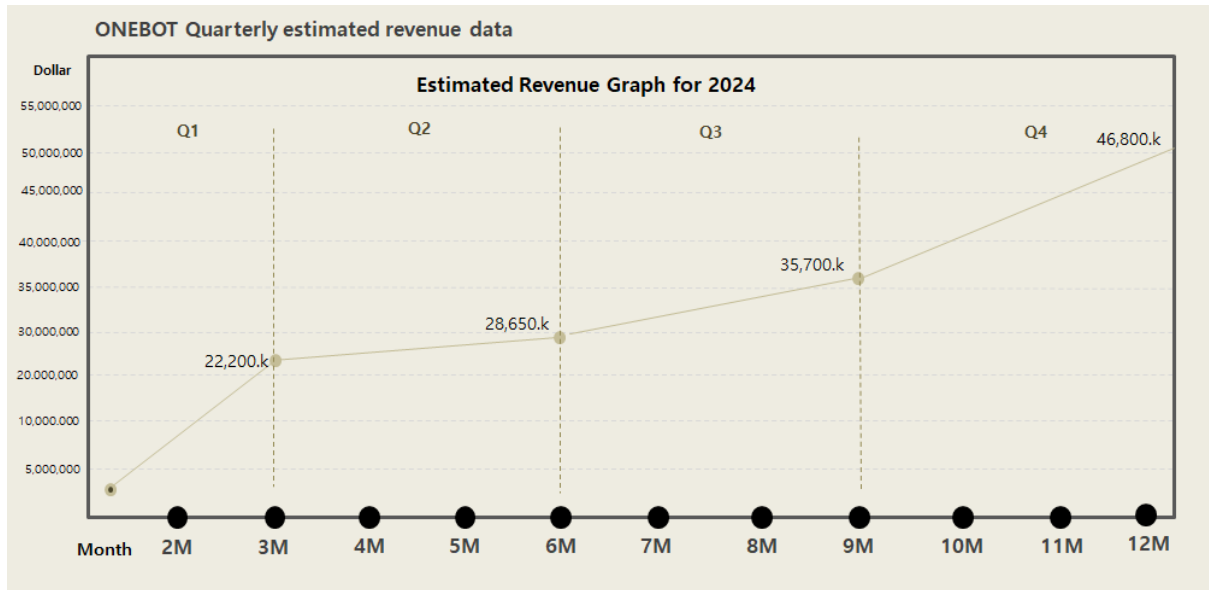
12 Number of purchases and volume due to the increase in ONEBOT subscribers and community

13 High natural trading volumes to maximize VOB token value

12. VOB Token Objective

ONEBOT launched in February 2022 and achieved cumulative sales of \$42,282,000 in the 10-month operation process until December 2022. This illustrates rapid growth, raising expectations about how ONEBOT's growth will change in the future.





In addition, it is the process of conducting in-depth meetings with global partners to enter more countries from 2023. Moreover, many ONEBOT members have been achieving profits from trading since February 2022.

In these perspectives, the target membership growth rate for 2023 and 2024 is expected to be achieved without difficulty, and all executives of ONEBOT will spare no effort to reach that goal.

If we achieve the target goal shown in the graph above, we will be able to see a significant ripple effect in relation to the VOB Token Economy.

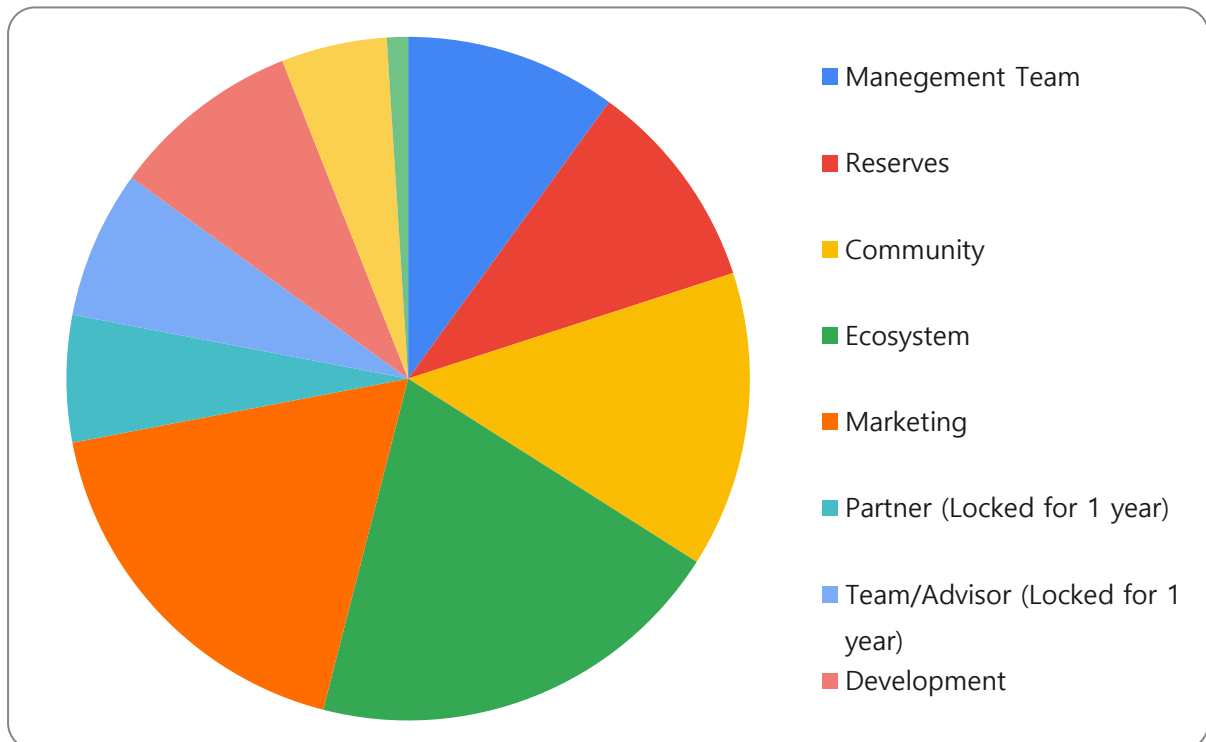
The ONEBOT project was successful in development with three years of careful and solid planning and development capability, and it can be concluded that stability, marketability, technology, and planning skills have been verified for 10 months now.

However, ONE BIT TEN cannot be conceited, and as the team enters the world of the Blockchain mechanism with VOB token, they are determined to work harder.

The company firmly pledge to fulfill the mission as they take the first step to develop ONEBOT project.

13.VOB Token Economy

Distribution Model	Allocation (%)	Allocation (EA)	Remarks
Manegement Team	10%	30,000,000	
Reserves	10%	30,000,000	
Community	14%	42,000,000	
Ecosystem	20%	60,000,000	
Marketing	18%	54,000,000	
Partner (Locked for 1 year)	6%	18,000,000	Monthly linear vest with 4% unlock
Team/Advisor (Locked for 1 year)	7%	21,000,000	Monthly linear vest with 4% unlock
Development	9%	27,000,000	
Auto-burn	5%	15,000,000	Auto-burn of certain % of tokens according to liquidity pool
Pre-sale	1%	3,000,000	Pre-sale at \$0.12
Total	100%	300,000,000	



14. ONEBOT Team



Kyung Hee Won | President

- Participated in VC projects as follows: Hycon (HYC) / Cardano (ADA) / VERASITY (VRA) / ICON (ICX) / Electric Vehicle Zone (EVZ) / BlueWhale (BWX) / FuzeX (FXT)
- Founding member of 1BIT10 Corp.
- Engaged in arbitrage trading and market data analysis for six years



Geon Won | CEO

- Founding member of 1BIT10 Corp.
- Engaged in arbitrage trading and market data analysis for six years
- Executive marketer for overseas expansion in more than 20 countries



Hyuk Won | CTO

- Developer of OneBot Score which is a cryptocurrency analysis and prediction program
- Developer of AutoBot 4.0 which is an automated trading bot for futures



Jinyoung Lee | CFO

- Tsinghua University
- Founding member of 1BIT10 Corp.
- Key operator of blockchain company for five years
- Participated in VRA/EVZ Projects
- VIP customer service for arbitrage trading



MoonChang Choi | Data Analysis Director

- Majored in Economy and Philosophy at Pusan National University
- Alibaba Global Challenge World Finalist
- 1BIT10 technical analysis instructor and data analyst

15. ONEBOT Road map

