

# AI BROKERS

Svuex is a perfect blend of human and artificial intelligence that is used to make transactions in the cryptocurrency exchanges.



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## **SVUEX AI**

At the heart of the effectiveness of the svuex.com platform lies the AI Broker, a unique system of Python-based modular solutions and quantum computing techniques using AI technology, which helps achieve the best possible results every day.

Svuex's advanced AI technology opens up a wide selection of promising cryptocurrencies. Each AI broker is equipped with an artificial intelligence algorithm, and quantum computing has great potential for solving complex computing problems.

Instant reaction to stock exchange events and trend forecasting are possible only with the use of artificial intelligence technologies.

## **Svuex AI Brokers are the intellectual evolution of modern trading**

Due to the high level of volatility, cryptocurrency can be used as an effective tool that allows you to extract maximum profit. Naturally, such market prospects attract a large volume of investments, fueling interest in virtual currencies. The choice of tactical investment schemes always remains with the investor.

As with stocks and other financial instruments, cryptocurrency trading is a complex process requiring specific knowledge and skills. The goal of AI Broker technology is to make earning on the cryptocurrency market accessible to everyone.

## Stock trading automation

Everyone knows the traditional image of a stockbroker: staring intently at tickers and monitors, and shouting instructions into several telephone handsets at once. Since the beginning of the 21st century, this character has become a thing of the past, giving way to the programmer.

The abundance of multidirectional stock exchange signals, and incredible information transfer speeds, required greater computing capabilities than the human brain is capable of. People are not able to trade with small spreads at high speed and concentration, so programmers, with the help of mathematicians and analysts, have given the market a useful tool: trading robots (or bots) that carry out operations using embedded algorithms and the data provided.

## Problems with most trading bots

Programmed bots are aimed at specific stock exchange signals, and came to the crypto world from the world of finance and stock markets. Indeed, cryptocurrency is the same type of market asset as stocks or fiat currencies, but it also has its own unique features – in particular, high volatility and the absence of government and corporate mechanisms to influence the exchange rate.

While working in such a complex but profitable area as arbitrage trading in cryptocurrency, experts have identified the following disadvantages of trading bots:

- bots are not adaptive to rapidly changing market conditions;
- as a result, changes must be periodically made to the program code manually, essentially creating a new bot;
- one of the main advantages of bots is the absence of the emotions inherent in people, but it turns out that computing abilities alone are not enough for effective trading: intuitive decisions based on previous experience are also needed.

That is the reason that Svux turned its attention to advances in the fields of Big Data, neural network models and artificial intelligence.

## **Svuex conducted a study**

We have developed an absolutely unique product, AI Broker, combining existing language models with a vast amount of technical content information related to trading, cryptocurrency value analysis, and the historical performance of various assets. In addition, we also integrated specific historical, anecdotal and statistical data about the particular cryptocurrencies that we planned to track and trade on.

After this, the indirect creation of the AI Broker began, exploring the capabilities of the trained AI, sending it to development, relying on pre-established risk levels set by the team and configured to ensure safe trading.

The setup process only involved human intervention to correct errors and inefficiencies, and for code optimization by our technical team.

During the process, it was discovered that the use of artificial intelligence in the decision-making stages of creating a broker provides unique and successful trading techniques that may seem a little unusual to a human trader.

We also noticed that when AI Broker interacts with data, it becomes better at understanding and finding ways to improve its performance thanks to feedback that is close to how a human interacts.

The result of this experiment can be considered an impressive manifestation of the potential of artificial intelligence, combined with skilled human control.

AI Broker from Svux is an innovative product developed on the basis of artificial intelligence (AI), designed to manage and optimize investment portfolios on crypto currency exchanges. This product combines advanced libraries and tools for machine learning, data analytics and financial trading to provide high performance and accuracy in investment decisions.

Let's take a closer look at some of the libraries and tools used in AI Broker:

**TensorFlow and PyTorch:** These libraries provide powerful tools for creating and training neural networks. AI Broker uses them to develop and train machine learning models that are capable of analyzing and predicting the dynamics of crypto-currency markets.

**scikit-learn:** This library provides many machine learning algorithms and data analysis tools. AI Broker uses scikit-learn to develop trading strategies and analyze markets.

**Pandas:** Pandas provides convenient tools for data processing and analysis. AI Broker uses Pandas to work with financial data and pre-process it.

**NumPy:** NumPy provides functionality to perform operations on arrays and matrices. It is used for numerical calculations and data processing in AI Broker.

**Binance API and other crypto APIs:** These APIs provide access to data and the ability to trade on crypto currency exchanges such as Binance. AI Broker uses them to obtain up-to-date data on cryptocurrencies and automatically trade on the markets.

**Cryptocompare API:** This API provides access to cryptocurrency data, including prices, trading volumes and other information. AI Broker uses this API to analyze markets and make informed decisions.



**TA-Lib:** TA-Lib provides tools for technical analysis of financial markets. AI Broker uses it to create trading strategies based on technical analysis.

**Prophet:** Prophet is a library developed by Facebook for time series forecasting. AI Broker uses it to predict prices and trends in cryptocurrency markets.

**Training AI (Artificial Intelligence)** models for use in developing an automated financial broker is a complex process that requires deep knowledge of natural language processing and financial trading. Below are the steps our team took to create AI Broker:

- **Data collection:** We have collected a wide range of financial information, including market data, news articles and other relevant sources of information.
- **Data Pre-processing:** We pre-processed the data by cleaning, normalizing and converting it into a format that can be used by the AI model.
- **Training AI models:** We trained the AI model using financial data so that it could learn patterns and relationships between various data points, such as market conditions, news events, and trading strategies.
- **Development of trading rules:** We used an AI model to develop trading rules and strategies based on the data obtained.
- **Backtesting and evaluation:** We tested trading rules and strategies on historical data to evaluate their effectiveness and make the necessary adjustments.
- **Deploying a Financial Broker:** After testing and evaluating trading rules and strategies, we deployed a financial broker that automatically executes trades based on preset rules and conditions.
- **Maintenance and monitoring:** We regularly monitor the broker's performance, making the necessary adjustments to take into account changes in the market and reduce the risk of financial losses.

All the above steps can be combined into several main stages: training the AI model, developing a financial broker and monitoring its performance after deployment.

## Svuex AI Broker and how it works

The technology is based on unique software based on Python, and artificial intelligence deep learning.

Unlike trading bots, which require constant reconfiguration, artificial intelligence is capable of acting independently, without human intervention.

The developers managed to fully automate the processes of generating, testing and constantly improving trading strategies.

Each broker has a brief description. You can see a more detailed description in your personal account on the [svuex.com](https://svuex.com) website.

### AI Broker Quasar

AI Broker Quasar offers a large selection of investments, starting from \$10 to \$5,000, favorable periods of the broker's work: from 15 to 65 days, with an interest rate of up to 2% per day depending on the length of work period. There are no restrictions on the number of active investments and no commissions for withdrawing cryptocurrency, which makes investing simple and profitable.





### **AI Broker Synergy**

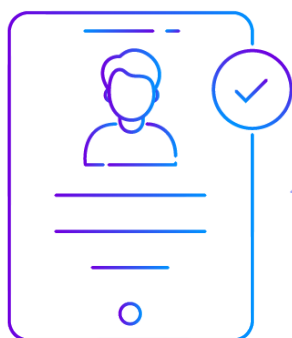
AI Broker Synergy offers long-term investments that provide high daily income. The minimum investment amount is \$2000. A limited number of active investments ensures a high interest rate. You can also increase your income up to 0.5% per day using the function of choosing an additional period of the broker's work.

### **AI Broker Prosper**

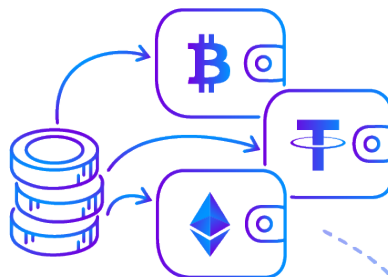
AI Broker Prosper is your reliable partner in the world of investing, the minimum investment amount is \$700. Receive a stable income daily or once a week using the interest rate period feature. 0 commission for withdrawing cryptocurrency, and flexible terms for calculating interest rates.



## Registration



## Depositing funds



## Choosing a broker



## Broker is working



## Profit accrual



## Withdraw



## Functionality of Svux AI Brokers for trading on cryptocurrency exchanges

- Consideration of market trends to improve using freshly collected data. AI imitates the thinking style of market analysts.
- 24/7 control of the correlation breakdown in cryptocurrency pairs. Given the volatility of the cryptocurrency market, the correlation between assets can suddenly break down and a trade can go sour as assets move in different directions. The AI instantly makes decisions on measures to equalize the balance of the pair.
- Permanent analysis of security risks. Since trading is carried out simultaneously on many platforms, obtaining information and timely reaction to signals indicating possible incidents on the platforms (attempted hacker attacks, suspicious trends, etc.) can only be done using AI.
- Building behavioral models for periods of market turmoil. Svux Broker, together with AI, makes it possible to use almost any trend to make money.
- Collecting information from news portals, social networks and thematic sites for the purpose of applying it in fundamental analysis.
- Processing of market data (rate, capitalization) for use in technical analysis.
- The program, written in Python using quantum computing, is capable of collecting, systematizing and analyzing any data that affects markets, as well as testing market strategies and technologies.

## **Final conclusion**

The fully automated Svux AI Broker has shown good results. The framework system successfully generates cryptocurrency market movements and creates profitable transactions for clients.

This success has provided strong support for the idea that artificial intelligence can generate profits from cryptocurrency trading.

The system developed for AI Broker can be applied to other types of trading, such as stocks. We are constantly working to improve the performance of AI Broker.

The rapid development of artificial intelligence technologies will undoubtedly lead to numerous changes in various spheres including the financial industry.

The fully automated Svux AI Broker, developed with AI, is a prime example of how AI can be used to solve trading problems.