

METHODS OF INCREASING THE EFFICIENCY OF USING CURRENCY OPERATIONS ON THE FOREX MARKET

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Annotation. The work considers standard methods of increasing the efficiency of currency transactions on the Forex market. Special attention was paid to machine learning and artificial intelligence methods, big data and segment analysis, blockchain and cryptocurrency, quantum computing, and other standard algorithms. The most effective techniques and strategies were determined, including technical and fundamental analysis, risk management mechanisms, drawing up a trading plan, and studying the general provisions of charts and models.

Formulation of the problem. Consider the standard methods of increasing the efficiency of foreign exchange transactions on the Forex market and their operation features, and determine the most effective techniques and strategies.

Introduction. Today, various currency transactions are popular on the Forex market. The following are some peculiarities of using currency operations on the Forex market. Forex is the most liquid market in the world, making it easy to execute large trades. Trading is conducted 24 hours a day during the week, except for weekends, which allows traders to react to market news at any time. Forex offers a high level of leverage, enabling you to control prominent positions with a relatively small amount of your funds. Traders can earn on the rise and fall of exchange rates. Forex's spreads (the difference between the bid and ask price) are usually lower than in other markets.

However, economic events, political decisions, and natural disasters can affect exchange rates. Therefore, Forex can be very volatile, which creates opportunities for earning but also increases risks. These features make Forex attractive to many traders but require a responsible approach and a deep market understanding.

Main part. There are many market analysis methods of currency transactions on the Forex market. We will list the most common of them.

Using machine learning algorithms and artificial intelligence to analyze large volumes of data and identify trends in the foreign exchange market is extremely common. This includes using neural networks, reinforcement learning algorithms, and other techniques to predict prices and determine optimal trading strategies.

Artificial intelligence and machine learning play a key role in analyzing large volumes of data in the foreign exchange market, allowing us to identify trends and make predictions. At the same time, neural networks, reinforcement learning algorithms, and other methods are used to develop trading strategies.

Collection and analysis of large volumes of data from various sources include searching for information in social media, news, and financial reports to identify patterns and the influence of events on the currency market. Big data analysis involves gathering and analyzing information from various sources, such as social media, news, and financial reports, to identify patterns and assess the impact of events on the currency market. Monitoring and analyzing investor and trader sentiment based on textual data such as news articles, forum discussions, and social media. This method allows you to assess the market's mood and make decisions based on the emotional reactions of market participants. Sentiment analysis is used to monitor and analyze the sentiments of investors and traders through textual data from news, forums, and social networks, helping to gauge the general mood of the market.

Use specialized algorithms and software robots for automatic trading on the currency market. These algorithms can be configured based on different strategies and use data to decide buying and selling currency.

Among the current standard methods of increasing the efficiency of currency transactions on the Forex market are integrating blockchain technology into financial markets and developing new cryptocurrency products. This can change market dynamics and provide new opportunities for analysis and trading. Blockchain and cryptocurrencies have revolutionized the financial markets, offering new opportunities for analysis and trading by developing new cryptocurrency products.

The use of technical and fundamental analysis, which are effective methods and strategies, is crucial in standard methods of increasing the efficiency of currency transactions on the Forex market. Technical analysis helps traders identify potential market entry and exit points based on historical price data and trading volumes. Using indicators such as moving averages (MA), relative strength index (RSI), or MACD can help identify trends and potential changes in them.

Fundamental analysis includes the study of economic indicators, political events, and other global factors that can affect exchange rates. Understanding how changes in interest rates or the release of economic reports can affect the market can give traders an advantage. Risk management is used to stop losses and take profits, which helps avoid large losses and lock in profits. Managing position sizes and maintaining a strict risk-to-reward ratio can significantly reduce overall risk.

A trading plan is essential for developing and following a clear trading plan, which helps traders avoid emotional decisions and stick to a well-thought-out strategy. The plan includes objectives, entry and exit strategies, risk management techniques, etc.

Thus, new methods and technologies appear because financial markets are constantly changing. Therefore, it is essential to follow the latest trends and use modern tools and platforms to successfully analyze the foreign exchange market.

Conclusions. The work resulted in determining the most effective methods and strategies, which included using technical and fundamental analysis, risk management mechanisms, drawing up a trading plan, and studying the general provisions of charts and models.