



SWISS CIRCLE GUIDE



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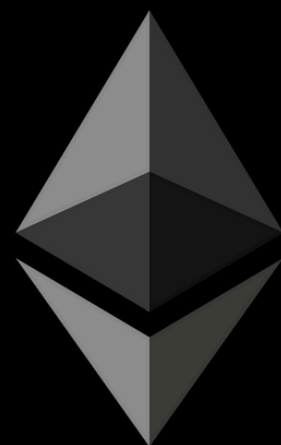
What are Cryptos?

Cryptocurrencies are a revolutionary form of digital money designed to function as a medium of exchange without relying on centralized institutions like banks. They operate on blockchain technology, a secure, decentralized ledger that records transactions across a network of computers. This ensures transparency, immutability, and security, making cryptocurrencies resistant to fraud and censorship.

The first cryptocurrency, Bitcoin, was introduced in 2009 by an anonymous entity known as Satoshi Nakamoto. Bitcoin was created as a response to the global financial crisis, aiming to provide an alternative to traditional financial systems. Over time, thousands of other cryptocurrencies, or altcoins, have emerged, such as Ethereum, which enables smart contracts, and Ripple (XRP), designed for fast cross-border payments.

Unlike fiat currencies, which are regulated by governments, most cryptocurrencies are decentralized, meaning no single entity controls the currency's supply or value. This decentralization, paired with cryptographic security, offers numerous benefits, including lower transaction fees, global access, and the elimination of intermediaries.

However, cryptocurrencies also come with risks. Their value can be highly volatile, leading to significant price swings. Additionally, the regulatory landscape for crypto is still evolving, with various governments and institutions exploring ways to integrate, control, or ban the use of these digital assets.





Cryptos have gained widespread use cases, ranging from peer-to-peer transactions, investment vehicles, to new financial technologies like decentralized finance (DeFi) and non-fungible tokens (NFTs). They are transforming the global financial system and challenging traditional notions of money, making them one of the most disruptive innovations of the 21st century. In the following chapters, we'll explore how to navigate the crypto ecosystem, starting with understanding the tools and platforms—crypto exchanges—that allow you to buy, sell, and trade these digital assets.





What is an Exchange?

A crypto exchange is a platform where users can buy, sell, or trade cryptocurrencies. Just like a stock exchange, it matches buyers and sellers, providing liquidity and enabling price discovery. Some exchanges also allow users to convert traditional fiat currencies (like USD or EUR) into cryptocurrencies and vice versa.

Popular Crypto Exchanges:

1. **Binance:** The largest by trading volume, offering a wide range of crypto pairs.
2. **Coinbase:** User-friendly, ideal for beginners.
3. **Kraken:** Known for security and advanced features.

Depositing Fiat and Converting to Crypto:

Most exchanges allow you to deposit fiat currencies through bank transfers, credit cards, or other methods. Once the deposit is made, you can easily convert your fiat into cryptocurrencies like Bitcoin, Ethereum, or others through a simple buying process.



coinbase



Kraken



Additional Basics:

- **Private Keys & Wallets:** Once you buy crypto, you should store your assets securely. Exchanges offer custodial wallets, but it's recommended to transfer them to a personal wallet.
- **Trading Pairs:** These are the pairs of cryptocurrencies you can trade on the exchange (e.g., BTC/USDT).
- **Market vs. Limit Orders:** A market order executes immediately at the current price, while a limit order only triggers when a certain price is reached.

This is the foundational knowledge every trader should have before engaging with the crypto market.





Basics of trading

Trading cryptocurrencies involves buying and selling digital assets with the goal of making a profit. Understanding some core concepts will help you make informed decisions when navigating the market.

1. Types of Trading:

- Day Trading: Involves making multiple trades within a single day, benefiting from small price fluctuations. This requires constant attention to the market.
- Swing Trading: Traders hold assets for several days or weeks, aiming to profit from expected price movements.
- HODLing: Holding assets long-term, based on the belief that their value will increase significantly over time.

2. Market Orders vs. Limit Orders:

- A market order is executed immediately at the current market price. It's fast but may not always offer the best price.
- A limit order allows you to set a specific price at which you're willing to buy or sell an asset. The trade only occurs if the market reaches your price, giving you more control over your transactions.

Market



Crypto A will be sold immediately for \$37 or ASAP at market price

Limit



Crypto A will be sold only if the price rises to \$40 or more

Stop



Crypto A will be sold immediately for \$37 or ASAP at market price

Stop Limit



Crypto A will be sold only if the price falls to \$35 or less, but remains at or above \$30



3. Risk Management:

One of the most important principles in trading is managing your risk. Stop-loss orders are essential for protecting your investments by automatically selling an asset when it reaches a predetermined price, minimizing potential losses.

4. Technical Analysis vs. Fundamental Analysis:

- Technical Analysis (TA) involves studying price charts and using indicators to predict future market movements. Common tools include trend lines, moving averages, and relative strength index (RSI).
- Fundamental Analysis (FA), on the other hand, looks at the underlying value of an asset by evaluating factors such as the project's team, use case, partnerships, and overall market potential.





5. Volatility and Liquidity:

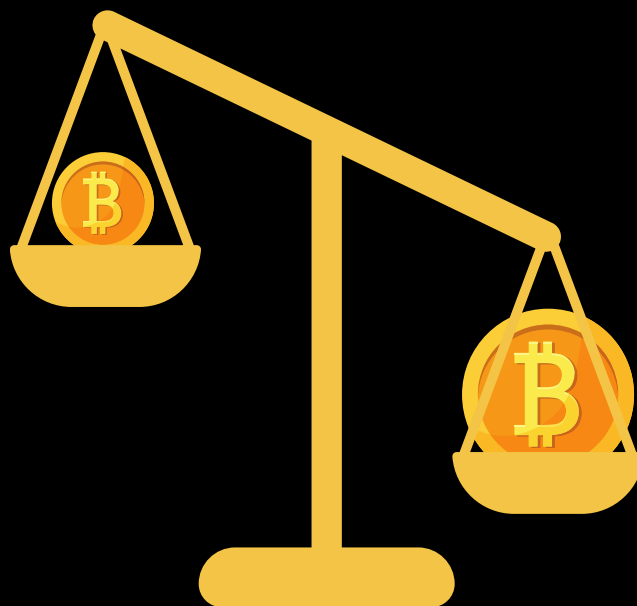
Cryptocurrencies are known for their high volatility, meaning prices can change rapidly. While this presents opportunities for profit, it also increases the risk of losses. Liquidity refers to how easily an asset can be bought or sold without significantly affecting its price. High liquidity means there's strong demand and supply for the asset.

6. Leverage Trading:

Some exchanges offer leverage, allowing you to trade with borrowed funds. While leverage can amplify profits, it also increases the potential for significant losses. Beginners should approach leverage trading with caution.

7. Understanding Fees:

Every trade comes with a fee, typically charged by the exchange. These fees can vary based on the size of the trade, the type of order, and the exchange itself. High-frequency traders need to account for these costs, as they can erode profit margins over time.



1:10



8. Psychology of Trading:

Emotional control is vital in trading. Fear and greed can lead to irrational decisions like panic selling or over-trading. Successful traders stay disciplined, follow a strategy, and don't let emotions dictate their actions.

9. Paper Trading:

For beginners, paper trading (simulated trading with no real money involved) is a great way to practice strategies and understand how the market works without the risk of losing capital.

Conclusion:

Trading cryptocurrencies can be a profitable venture if approached with the right strategies and knowledge. It's essential to start small, educate yourself, and continually improve your skills by staying informed about market trends and developments. Remember, every trade carries risk, and the key to success is effective risk management, discipline, and a solid understanding of market dynamics.



Trendlines, support and resistance

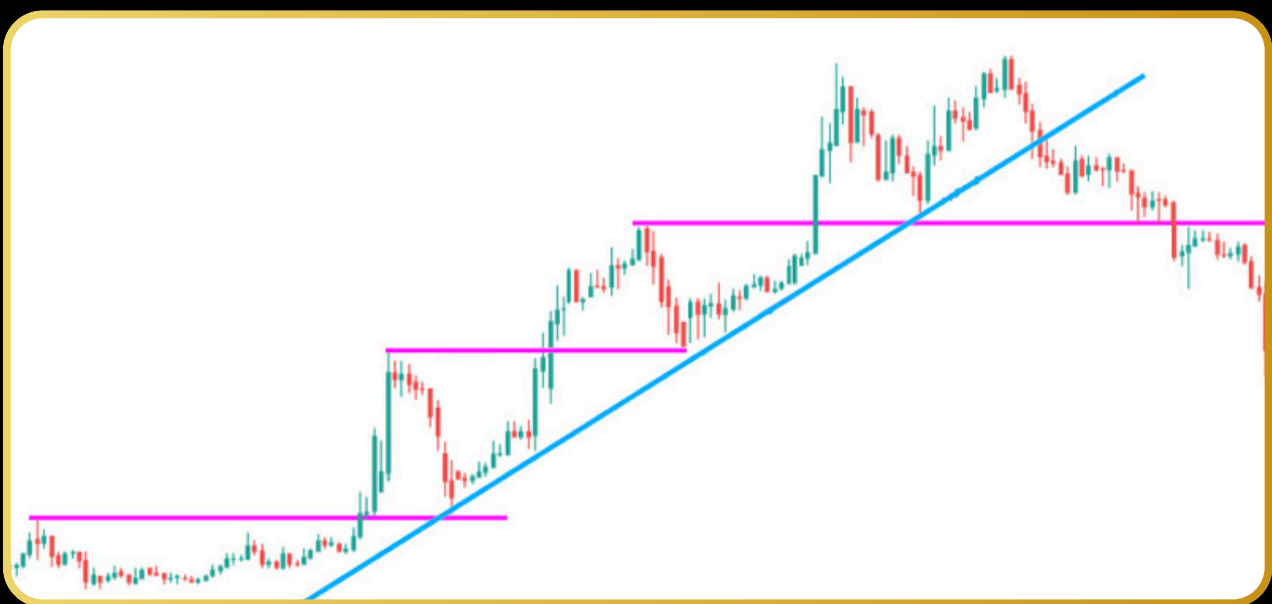
Trendlines are one of the most fundamental tools in technical analysis, helping traders identify the direction and strength of a market trend. A trendline is a straight line that connects two or more price points on a chart, providing a visual representation of market movement.

1. Types of Trends:

- Uptrend: When the market is moving upward, trendlines are drawn beneath the price connecting the lows, showing support.
- Downtrend: In a falling market, trendlines are drawn above the price connecting the highs, indicating resistance.
- Sideways/Range-Bound: When the market is moving sideways, trendlines form a horizontal pattern.

2. Drawing Trendlines:

To draw a trendline, you connect two or more significant highs or lows on a chart. In an uptrend, you connect the lows, and in a downtrend, the highs. The more times the price touches the trendline, the stronger that line becomes as an indicator of support or resistance.



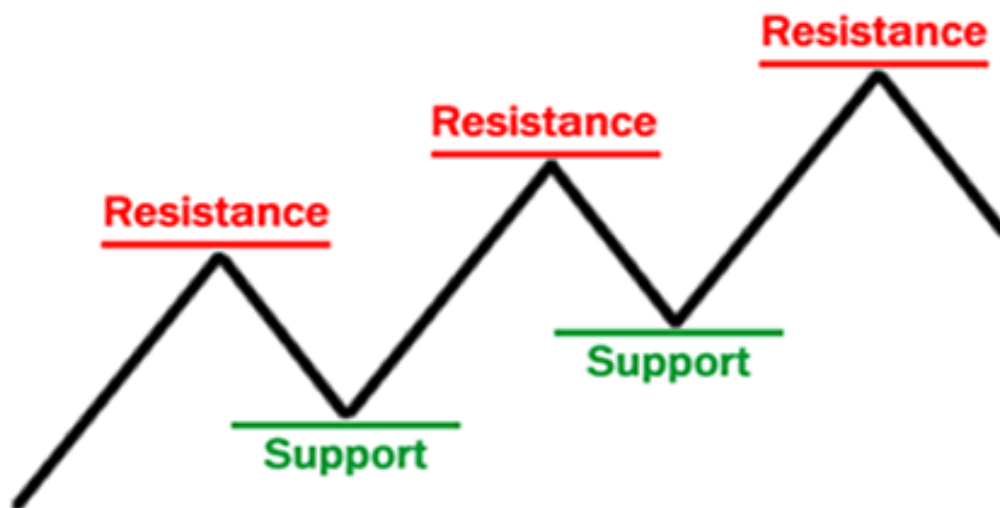


3. Support and Resistance:

- Support is a price level where a downtrend is expected to pause due to a concentration of buying interest. An uptrend trendline can act as support, showing the level where buyers are likely to step in.
- Resistance is a price level where an uptrend may pause or reverse due to selling interest. A downtrend trendline acts as resistance, signaling where sellers may push the price back down.

4. Breakouts and Breakdowns:

A breakout occurs when the price moves above a resistance trendline, often signaling the start of a new upward trend. A breakdown happens when the price falls below a support trendline, indicating the beginning of a downward trend. Traders often look for these moments to enter or exit positions.





5. Trendline Channels:

Channels are created by drawing two parallel trendlines: one connecting the highs and one connecting the lows. Channels can indicate the range in which an asset's price is likely to fluctuate and help traders spot breakout opportunities when the price moves out of the channel.

6. Using Trendlines in Combination with Other Tools:

While trendlines are valuable on their own, they become even more effective when used in combination with other technical indicators like moving averages, RSI (Relative Strength Index), or MACD (Moving Average Convergence Divergence). This helps confirm the strength of a trend and potential price reversals.

Conclusion:

Trendlines are a simple yet powerful tool for identifying trends and key price levels. Mastering how to draw and interpret trendlines can significantly enhance your trading strategy, allowing you to make more informed decisions based on market momentum and potential reversal points.