

## **Introduction**

### **1.1. Purpose**

This platform facilitates effortless trading by allowing users to establish personalized settings, thereby enabling trades to be executed automatically and requiring minimal human intervention. This platform could potentially assist in closing trades automatically when they reach a profitable point. This streamlined approach ensures a user-friendly experience that stands out from traditional trading platforms

### **1.2. What is Trading**

Trading is the buying and selling of financial instruments in order to make a profit. These instruments range from a variety of assets assigned a financial value that can go up or down. Trading involves vigorous participation in the financial markets compared to investing, which works on a buy-and-hold strategy. The success of trading is dependent on the ability of a trader to be profitable over a period of time.

A trader is a person who gets involved in buying and selling a financial asset in any financial market. He or she can buy or sell either for himself/herself or on behalf of another individual or institution. The main difference between an investor and a trader is the duration for which he or she holds on to the asset.

A trader is a person who engages in the short-term purchasing and selling of equity either for an institution or for themselves.

### **1.3. What is a Candlestick**

A candle stick is a type of price chart used in technical analysis that displays the high, low, open, and closing prices of a security for a specific period.

wherein each candlestick details a single day's trading. It has three essential features:

- The body, which represents the open-to-close range
- The wick, or shadow, that indicates the intra-day high and low
- The color, which reveals the direction of market movement – a green (or white) body indicates a price increase, while a red (or black) body shows a price decrease

Over time, individual candlesticks form patterns that traders can use to recognize major support and resistance levels. There are a great many candlestick patterns that indicate an opportunity within a market – some provide insight into the balance between buying and selling pressures, while others identify continuation patterns or market indecision. CandlePatternsAll strategy calculates all candlestick pattern indicators that are available on the platform. Essentially, the strategy differs from the CandlePatternsMultiple strategy only by calculated indicator count and by the way the list of indicators gets compiled.

### **1.4. What is a Candle Indicator**

This indicator paints each candle green, red, or blue depending on whether the buy/sell pressure for that candle is bullish, bearish, or neutral.

### **1.5. How to Use Indicator**

When the directional movement index indicator shows more buying pressure than selling pressure, the candle will appear lime green. This indicates bullish buying pressure. When the directional movement index indicator shows more selling pressure than buying pressure, the candle will appear red. This indicates bearish selling pressure. When the directional movement index indicator shows the same amount of buy and sell pressure, the candle will appear blue. This indicates neutral buy/sell pressure. 8 Use the color changes to see if there is more buying or selling to pinpoint reversals and understand current market buying. Wait to enter or exit positions until the candles turn the opposite color.

## 1.6. How does Trading Work

When trading, the user profit if the market price moves in the same direction as the user's speculation; however, if it takes the opposite direction, the user incur a loss. It's important to note that trading is inherently risky and could lose more than expected if don't take the appropriate risk management steps. Trading happens between two parties and often involves a dealer network. No central, physical location only a virtual network of participants. Timings 24/7. Contracts are Customized. Counterparty risk, assets can be more volatile, and can be traded on leverage, which means there's a risk of losing more than the deposit