

Expert System

Wednesday, 26 April 2023 10:15 am

Strategy:

1. Identify close candle sticks that are located between 10 and 20 simple moving averages.
 - a. Let's call this area between the 10 and 20 moving averages "The Zone".
2. Identify close candle sticks that are located above 10 and 20 simple moving averages.
 - a. Let's call this area above the 10 and 20 moving averages "Above The Zone".
3. Identify close candle sticks that are located below 10 and 20 simple moving averages.
 - a. Let's call this area above the 10 and 20 moving averages "Below The Zone".
4. Use the order of the 10, 20 and 50 simple moving averages to determine the trend.
 - a. If the 10 and 20 are above the 50 moving averages, it is consider **bullish**.
 - b. If the 10 and 20 moving averages are below 50 moving average, it is consider **bearish**.
 - c. If the 50 moving average is less than 10 and 20 moving average, and 20 is greater than 10 moving average, and Close is less than or equal to Open; or if 50 moving average is between 10 and 20 moving averages and 20 is greater than 10 moving average, then it is consider **going bearish**.
 - d. If the 50 moving average is greater than 10 and 20 moving average, and 10 is greater than 20 moving averages and Close is greater than or equal to Open; or if 50 is between 10 and 20 moving averages and 10 is greater than 20 moving average, then it is consider **going bullish**.
5. If the candlestick green is "**Above The Zone**" or "**The Zone**", and the trend is **bullish**:
 - a. then take a going high or buy order.
6. If the candlestick red is "**Above the Zone**" or "**The Zone**", and the trend is **bullish**:
 - a. then take a going high or buy order.
7. If the candlestick red or green is "**Below The Zone**", and the trend is **bullish**:
 - a. then take hold of your position or if no position then don't order.
8. If the candlestick red is "**Below The Zone**" or "**The Zone**", and the trend is **bearish**:
 - a. then take going low or sell order.
9. If the candlestick green is "**Below The Zone**" or "**The Zone**", and the trend is **bearish**:
 - a. then take going low or sell order.
10. If the candlestick red or green is "**Above The Zone**", and the trend is **bearish**:
 - a. then take hold of your position or if no position then don't order.
11. If the candlestick green is "**Above The Zone**" or "**The Zone**" or "**Below The Zone**", and the trend is **going bullish**:
 - a. then take going high or buy order.
12. If the candlestick red is "**Above The Zone**" or "**The Zone**" or "**Below The Zone**", and the trend is **going bearish**:
 - a. then take going low or sell order.
13. If close value is equal to open value:
 - a. then take hold of your position or if no position then don't order.
14. If trend or/and the z is not clear:
 - a. then take hold of your position or if no position then don't order.

Chart Pattern:

- Double/Multiple Tops and Bottoms
- Ascending/Descending Triangles
- Symmetrical Triangles
- Wedges

Technical Analysis/Indicators

- Simple Moving Averages
- Moving Average Crossovers
- Bolling Bands

- Relative Strength Index (RSI)
 - Oversold and Overbought
- Fibonacci
 - Fibonacci Retracement

Expert System:

Strategies:

- Highlight bullish candle stick in the buy zone.
- Highlight bearish candle stick in the sell zone.

Alhamdulillah!

Make a report (Printed copy):

- Strategy
- How the strategies are implemented.
- Flowchart/Algorithm of the strategy.

Whole code will be pass through soft copy.