BTC 4H

//**@version=4**

strategy("Bollinger Bands + SMA Crossover with Daily RSI", overlay=true, default\_qty\_value=100, default\_qty\_type = strategy.percent\_of\_equity, commission\_value=0.1, commission\_type=strategy.commission.percent)

// Define the time periods for the moving averages and the Bollinger Bands

length1 = 2

length2 = 26

bbPeriod = 32

bbStdDev = 1

// Calculate the moving averages

sma1 = sma(close, length1)

sma2 = sma(close, length2)

// Calculate the standard deviation and average of the closing prices

bbStdDeviation = stdev(close, bbPeriod)

bbAverage = sma(close, bbPeriod)

// Calculate the upper and lower Bollinger Bands

upperBB = bbAverage + bbStdDev \* bbStdDeviation

lowerBB = bbAverage - bbStdDev \* bbStdDeviation

// RSI configuration

rsiLength = 18

hcc4 = (high + close + close) / 3

// Calculate the daily RSI using the security function

dailyRSI = security(syminfo.tickerid, "D", rsi(hcc4, rsiLength))

// Buy signal: when the short-term moving average is above the long-term moving average, price crosses above the upper Bollinger Band, and daily RSI is above 50

buySignal = crossover(close, upperBB) and sma1 > sma2 and dailyRSI > 48

// Sell signal: when the short-term moving average crosses below the long-term moving average

sellSignal = crossunder(sma1, sma2)

// Plot the signals on the chart

plot(sma1, color = color.blue)

plot(sma2, color = color.red)

plot(upperBB, color = color.orange)

plot(lowerBB, color = color.orange)

// Plot daily RSI value

plot(dailyRSI, title="Daily RSI", color=color.blue)

// Enter a long position when the buy signal is generated

strategy.entry("Buy", strategy.long, when = buySignal)

// Exit the long position when the sell signal is generated

strategy.close("Buy", when = sellSignal)

// Define the stop loss percentage

stopLossPercent = 5.7

// Calculate the stop loss level

stopLossLevel = strategy.position\_avg\_price \* (1 - stopLossPercent / 100)

// Exit the position using a stop loss order

strategy.exit("Exit with Stop Loss", "Buy", stop = stopLossLevel)

BTC 1D

//**@version=4**

strategy("Bollinger Bands + SMA Crossover with Daily RSI", overlay=true, default\_qty\_value=100, default\_qty\_type = strategy.percent\_of\_equity, commission\_value=0.1, commission\_type=strategy.commission.percent)

// Define the time periods for the moving averages and the Bollinger Bands

length1 = 4

length2 = 26

bbPeriod = 33

bbStdDev = 1

// Calculate the moving averages

sma1 = sma(close, length1)

sma2 = sma(close, length2)

// Calculate the standard deviation and average of the closing prices

bbStdDeviation = stdev(close, bbPeriod)

bbAverage = sma(close, bbPeriod)

// Calculate the upper and lower Bollinger Bands

upperBB = bbAverage + bbStdDev \* bbStdDeviation

lowerBB = bbAverage - bbStdDev \* bbStdDeviation

// RSI configuration

rsiLength = 18

hcc4 = (high + close + close) / 3

// Calculate the daily RSI using the security function

dailyRSI = security(syminfo.tickerid, "D", rsi(hcc4, rsiLength))

// Buy signal: when the short-term moving average is above the long-term moving average, price crosses above the upper Bollinger Band, and daily RSI is above 50

buySignal = crossover(close, upperBB) and sma1 > sma2 and dailyRSI > 48

// Sell signal: when the short-term moving average crosses below the long-term moving average

sellSignal = crossunder(sma1, sma2)

// Plot the signals on the chart

plot(sma1, color = color.blue)

plot(sma2, color = color.red)

plot(upperBB, color = color.orange)

plot(lowerBB, color = color.orange)

// Plot daily RSI value

plot(dailyRSI, title="Daily RSI", color=color.blue)

// Enter a long position when the buy signal is generated

strategy.entry("Buy", strategy.long, when = buySignal)

// Exit the long position when the sell signal is generated

strategy.close("Buy", when = sellSignal)

// Define the stop loss percentage

stopLossPercent = 5.3

// Calculate the stop loss level

stopLossLevel = strategy.position\_avg\_price \* (1 - stopLossPercent / 100)

// Exit the position using a stop loss order

strategy.exit("Exit with Stop Loss", "Buy", stop = stopLossLevel)

ETH 4H

**//@version=4**

**strategy("Bollinger Bands + SMA Crossover with Daily RSI", overlay=true, default\_qty\_value=100, default\_qty\_type = strategy.percent\_of\_equity, commission\_value=0.1, commission\_type=strategy.commission.percent)**

**// Define the time periods for the moving averages and the Bollinger Bands**

**length1 = 1**

**length2 = 28**

**bbPeriod = 36**

**bbStdDev = 1**

**// Calculate the moving averages**

**sma1 = sma(close, length1)**

**sma2 = sma(close, length2)**

**// Calculate the standard deviation and average of the closing prices**

**bbStdDeviation = stdev(close, bbPeriod)**

**bbAverage = sma(close, bbPeriod)**

**// Calculate the upper and lower Bollinger Bands**

**upperBB = bbAverage + bbStdDev \* bbStdDeviation**

**lowerBB = bbAverage - bbStdDev \* bbStdDeviation**

**// RSI configuration**

**rsiLength = 13**

**hcc4 = (high + close + close) / 3**

**// Calculate the daily RSI using the security function**

**dailyRSI = security(syminfo.tickerid, "D", rsi(hcc4, rsiLength))**

**// Buy signal: when the short-term moving average is above the long-term moving average, price crosses above the upper Bollinger Band, and daily RSI is above 50**

**buySignal = crossover(close, upperBB) and sma1 > sma2 and dailyRSI > 48**

**// Sell signal: when the short-term moving average crosses below the long-term moving average**

**sellSignal = crossunder(sma1, sma2)**

**// Plot the signals on the chart**

**plot(sma1, color = color.blue)**

**plot(sma2, color = color.red)**

**plot(upperBB, color = color.orange)**

**plot(lowerBB, color = color.orange)**

**// Plot daily RSI value**

**plot(dailyRSI, title="Daily RSI", color=color.blue)**

**// Enter a long position when the buy signal is generated**

**strategy.entry("Buy", strategy.long, when = buySignal)**

**// Exit the long position when the sell signal is generated**

**strategy.close("Buy", when = sellSignal)**

**// Define the stop loss percentage**

**stopLossPercent = 5.4**

**// Calculate the stop loss level**

**stopLossLevel = strategy.position\_avg\_price \* (1 - stopLossPercent / 100)**

**// Exit the position using a stop loss order**

**strategy.exit("Exit with Stop Loss", "Buy", stop = stopLossLevel)**

**ETH 1D**

**//@version=4**

**strategy("Bollinger Bands + SMA Crossover with Daily RSI", overlay=true, default\_qty\_value=100, default\_qty\_type = strategy.percent\_of\_equity, commission\_value=0.1, commission\_type=strategy.commission.percent)**

**// Define the time periods for the moving averages and the Bollinger Bands**

**length1 = 1**

**length2 = 28**

**bbPeriod = 36**

**bbStdDev = 1**

**// Calculate the moving averages**

**sma1 = sma(close, length1)**

**sma2 = sma(close, length2)**

**// Calculate the standard deviation and average of the closing prices**

**bbStdDeviation = stdev(close, bbPeriod)**

**bbAverage = sma(close, bbPeriod)**

**// Calculate the upper and lower Bollinger Bands**

**upperBB = bbAverage + bbStdDev \* bbStdDeviation**

**lowerBB = bbAverage - bbStdDev \* bbStdDeviation**

**// RSI configuration**

**rsiLength = 13**

**hcc4 = (high + close + close) / 3**

**// Calculate the daily RSI using the security function**

**dailyRSI = security(syminfo.tickerid, "D", rsi(hcc4, rsiLength))**

**// Buy signal: when the short-term moving average is above the long-term moving average, price crosses above the upper Bollinger Band, and daily RSI is above 50**

**buySignal = crossover(close, upperBB) and sma1 > sma2 and dailyRSI > 48**

**// Sell signal: when the short-term moving average crosses below the long-term moving average**

**sellSignal = crossunder(sma1, sma2)**

**// Plot the signals on the chart**

**plot(sma1, color = color.blue)**

**plot(sma2, color = color.red)**

**plot(upperBB, color = color.orange)**

**plot(lowerBB, color = color.orange)**

**// Plot daily RSI value**

**plot(dailyRSI, title="Daily RSI", color=color.blue)**

**// Enter a long position when the buy signal is generated**

**strategy.entry("Buy", strategy.long, when = buySignal)**

**// Exit the long position when the sell signal is generated**

**strategy.close("Buy", when = sellSignal)**

**// Define the stop loss percentage**

**stopLossPercent = 5.4**

**// Calculate the stop loss level**

**stopLossLevel = strategy.position\_avg\_price \* (1 - stopLossPercent / 100)**

**// Exit the position using a stop loss order**

**strategy.exit("Exit with Stop Loss", "Buy", stop = stopLossLevel)**

**QNT 4H**

//**@version=4**

strategy("Bollinger Bands + SMA Crossover with Daily RSI", overlay=true, default\_qty\_value=100, default\_qty\_type = strategy.percent\_of\_equity, commission\_value=0.1, commission\_type=strategy.commission.percent)

// Define the time periods for the moving averages and the Bollinger Bands

length1 = 1

length2 = 34

bbPeriod = 33

bbStdDev = 2

// Calculate the moving averages

sma1 = sma(close, length1)

sma2 = sma(close, length2)

// Calculate the standard deviation and average of the closing prices

bbStdDeviation = stdev(close, bbPeriod)

bbAverage = sma(close, bbPeriod)

// Calculate the upper and lower Bollinger Bands

upperBB = bbAverage + bbStdDev \* bbStdDeviation

lowerBB = bbAverage - bbStdDev \* bbStdDeviation

// RSI configuration

rsiLength = 19

hcc4 = (high + close + close) / 3

// Calculate the daily RSI using the security function

dailyRSI = security(syminfo.tickerid, "D", rsi(hcc4, rsiLength))

// Buy signal: when the short-term moving average is above the long-term moving average, price crosses above the upper Bollinger Band, and daily RSI is above 50

buySignal = crossover(close, upperBB) and sma1 > sma2 and dailyRSI > 50

// Sell signal: when the short-term moving average crosses below the long-term moving average

sellSignal = crossunder(sma1, sma2)

// Plot the signals on the chart

plot(sma1, color = color.blue)

plot(sma2, color = color.red)

plot(upperBB, color = color.orange)

plot(lowerBB, color = color.orange)

// Plot daily RSI value

plot(dailyRSI, title="Daily RSI", color=color.blue)

// Enter a long position when the buy signal is generated

strategy.entry("Buy", strategy.long, when = buySignal)

// Exit the long position when the sell signal is generated

strategy.close("Buy", when = sellSignal)

// Define the stop loss percentage

stopLossPercent = 3.5

// Calculate the stop loss level

stopLossLevel = strategy.position\_avg\_price \* (1 - stopLossPercent / 100)

// Exit the position using a stop loss order

strategy.exit("Exit with Stop Loss", "Buy", stop = stopLossLevel)

QNT 1D

**//@version=4**

**strategy("Bollinger Bands + SMA Crossover with Daily RSI", overlay=true, default\_qty\_value=100, default\_qty\_type = strategy.percent\_of\_equity, commission\_value=0.1, commission\_type=strategy.commission.percent)**

**// Define the time periods for the moving averages and the Bollinger Bands**

**length1 = 1**

**length2 = 34**

**bbPeriod = 33**

**bbStdDev = 2**

**// Calculate the moving averages**

**sma1 = sma(close, length1)**

**sma2 = sma(close, length2)**

**// Calculate the standard deviation and average of the closing prices**

**bbStdDeviation = stdev(close, bbPeriod)**

**bbAverage = sma(close, bbPeriod)**

**// Calculate the upper and lower Bollinger Bands**

**upperBB = bbAverage + bbStdDev \* bbStdDeviation**

**lowerBB = bbAverage - bbStdDev \* bbStdDeviation**

**// RSI configuration**

**rsiLength = 19**

**hcc4 = (high + close + close) / 3**

**// Calculate the daily RSI using the security function**

**dailyRSI = security(syminfo.tickerid, "D", rsi(hcc4, rsiLength))**

**// Buy signal: when the short-term moving average is above the long-term moving average, price crosses above the upper Bollinger Band, and daily RSI is above 50**

**buySignal = crossover(close, upperBB) and sma1 > sma2 and dailyRSI > 50**

**// Sell signal: when the short-term moving average crosses below the long-term moving average**

**sellSignal = crossunder(sma1, sma2)**

**// Plot the signals on the chart**

**plot(sma1, color = color.blue)**

**plot(sma2, color = color.red)**

**plot(upperBB, color = color.orange)**

**plot(lowerBB, color = color.orange)**

**// Plot daily RSI value**

**plot(dailyRSI, title="Daily RSI", color=color.blue)**

**// Enter a long position when the buy signal is generated**

**strategy.entry("Buy", strategy.long, when = buySignal)**

**// Exit the long position when the sell signal is generated**

**strategy.close("Buy", when = sellSignal)**

**// Define the stop loss percentage**

**stopLossPercent = 3.5**

**// Calculate the stop loss level**

**stopLossLevel = strategy.position\_avg\_price \* (1 - stopLossPercent / 100)**

**// Exit the position using a stop loss order**

**strategy.exit("Exit with Stop Loss", "Buy", stop = stopLossLevel)**