

Doji Ashi - Trading View Indicator and Strat Scripts

So sorry about the formatting on Reddit. Here are both scripts (the indicator and strategy) so you can fully test this script for yourself. Currently the BUY signals are 80-90% accurate, whereas the SELL signals are around 40-50%.

I have been testing this script with live trades through Deribit for a few months now and have had a lot of success if focusing solely on BUY signals, taking trades of 1% at a time. My stop losses are 6 candles... aka I hold no trade longer than 25 minutes.

THIS SCRIPT IS NOT PERFECT AND I AM NOT CLAIMING TO BE A GENIUS.
It just had enough potential that I wanted to see if the community could make it even better.

This isn't a scam. The code is right there for you to use however. All I ask is that you share your results if successful so we can refine this together.

This is not financial advice, please use at your own discretion... blah blah blah.



For successful returns I have been:

- Trading ADA/USDC Futures using Deribit.
- Set the script up on the 5minute chart (the script is written specifically for this chart only)
- Setup a BUY alert on the 5min chart / to alert "once per bar close"

- When an alert comes through I buy 1000 shares per \$50 on account. So if you have \$100 on your account, you can safely buy 2000 of ADA/USDC futures.
- Set a limit for 0.001 from the purchase price.... So if you purchased at 0.6110, set a sell for 0.6120. This will return approx 1%
- Set yourself a stop loss of 6 bars/candles (25 minutes).

Breakdown of how the script works:

A signal is allowed only if **ALL** of these filters are true:

- RSI < rsiOversold
- MTF 10m RSI < rsi10mOversold (if enabled)
- Volume spike (if enabled)
- No price exhaustion (if enabled)
- Not during volume spike suppression

Also:

- A **cooldown** (in bars/candles) must have passed since the last signal

Feel free to test all other filters in the settings (such as the 3min confirm, bull candle indication...etc). I've had varying results, but the default setup is my most successful.

Indicator (pine script)

```
//@version=6
indicator("Doji Ashi v0.1", overlay=true)

// === INPUT SETTINGS ===
rsiLength      = input.int(14, "RSI Length")
rsiOverbought  = input.float(70, "RSI Overbought Level")
rsiOversold    = input.float(30, "RSI Oversold Level")

useCandleQual  = input.bool(true, "Highlight Candle Quality")
useVolumeSpike = input.bool(true, "Use Volume Spike Confirmation")
useMTF3mConfirm = input.bool(false, "Use 3m RSI Threshold Confirmation")
useMTF10mConfirm = input.bool(true, "Use 10m RSI Threshold Confirmation")
useDivergence  = input.bool(true, "Highlight RSI Divergence")
useBullReversalCandle = input.bool(false, "Require Bullish Reversal Candle for Buy")
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useBearReversalCandle = input.bool(false, "Require Bearish Reversal Candle for
Sell")
useHeikinAshi          = input.bool(false, "Use Heikin Ashi Reversal Candle")
useSwingStructure      = input.bool(false, "Use Swing High/Low Structure
Confirmation")
usePriceExhaustion     = input.bool(true, "Use Price Exhaustion Filter")
useEMAFilter           = input.bool(false, "Use EMA Trend Filter (Slope)")

volMaLen              = input.int(5, "Volume MA Length")
volSpikeMult          = input.float(2, "Volume Spike Multiplier")
cooldownBars          = input.int(10, "Cooldown Between Signals")

rsi10mOversold = input.float(40, "10m RSI Oversold Threshold")
rsi10mOverbought = input.float(60, "10m RSI Overbought Threshold")
rsi3mOversold = input.float(30, "3m RSI Oversold Threshold")
rsi3mOverbought = input.float(70, "3m RSI Overbought Threshold")

// === MTF RSI ===
rsi3m = request.security(syminfo.tickerid, "3", ta.rsi(close, rsiLength))
rsi10m = request.security(syminfo.tickerid, "10", ta.rsi(close, rsiLength))

// === CALCULATIONS ===
rsi = ta.rsi(close, rsiLength)
volMA = ta.sma(volume, volMaLen)

// === EMA SLOPE ===
ema50 = ta.ema(close, 50)
emaSlopeUp = ema50 > ema50[1]
emaSlopeDown = ema50 < ema50[1]

// === CANDLE QUALITY ===
bodySize      = math.abs(close - open)
candleRange   = high - low
bodyRatio     = candleRange > 0 ? bodySize / candleRange : 0
solidCandle   = bodyRatio > 0.5
wickTop       = high - math.max(close, open)
wickBot       = math.min(close, open) - low
wickRatioTop  = candleRange > 0 ? wickTop / candleRange : 0
wickRatioBot  = candleRange > 0 ? wickBot / candleRange : 0
bullQuality   = solidCandle and wickRatioTop < 0.3
bearQuality   = solidCandle and wickRatioBot < 0.3

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// === REVERSAL CANDLES ===
bullHammer = (high - low) > 0 ? ((high - low) > 3 * bodySize and (close - low)
/ (high - low) > 0.6 and (open - low) / (high - low) > 0.6) : false
bullEngulf = close > open and close > close[1] and open < open[1]
bullReversalCandle = bullHammer or bullEngulf

bearShootingStar = (high - low) > 0 ? ((high - low) > 3 * bodySize and (high -
close) / (high - low) > 0.6 and (high - open) / (high - low) > 0.6) : false
bearEngulf = close < open and close < close[1] and open > open[1]
bearReversalCandle = bearShootingStar or bearEngulf

// === HEIKIN ASHI ===
haTicker = ticker.heikinashi(syminfo.tickerid)
haClose = request.security(haTicker, timeframe.period, close)
haOpen = request.security(haTicker, timeframe.period, open)
haBullish = haClose > haOpen
haBearish = haClose < haOpen

// === STRUCTURE FILTER ===
swingLow = low > low[1] and low[1] < low[2]
swingHigh = high < high[1] and high[1] > high[2]

// === PRICE EXHAUSTION ===
priceExhaustedUp = close > close[1] and close[1] > close[2] and volume <
volume[1] and volume[1] < volume[2]
priceExhaustedDown = close < close[1] and close[1] < close[2] and volume <
volume[1] and volume[1] < volume[2]

// === VOLUME SPIKE (FOR CONFIRMATION) ===
volSpike = volume > volMA * volSpikeMult

// === VOLUME SUPPRESSION FILTER (TO BLOCK EXTREME VOLUME SPIKES) ===
volSuppressionThreshold = input.float(3.0, "Volume Spike Suppression Limit",
step=0.1)
suppressOnVolumeSpike = volume > volMA * volSuppressionThreshold

// === MTF Confirmation ===
mtfBull = (not useMTF3mConfirm or rsi3m < rsi3mOversold) and (not
useMTF10mConfirm or rsi10m < rsi10mOversold)
mtfBear = (not useMTF3mConfirm or rsi3m > rsi3mOverbought) and (not
useMTF10mConfirm or rsi10m > rsi10mOverbought)

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// === RSI DIVERGENCE DETECTION ===
pivotLen = 3
pivotLow = ta.pivotlow(low, pivotLen, pivotLen)
pivotHigh = ta.pivohigh(high, pivotLen, pivotLen)

var float lastPLow = na
var float lastPLowRSI = na
var float lastPHigh = na
var float lastPHighRSI = na

bullDiv = false
bearDiv = false

if not na(pivotLow)
    if not na(lastPLow) and pivotLow < lastPLow and rsi > lastPLowRSI
        bullDiv := true
    lastPLow := pivotLow
    lastPLowRSI := rsi

if not na(pivotHigh)
    if not na(lastPHigh) and pivotHigh > lastPHigh and rsi < lastPHighRSI
        bearDiv := true
    lastPHigh := pivotHigh
    lastPHighRSI := rsi

// === SIGNAL LOGIC ===
bullCond = rsi < rsiOversold and mtfBull and (not useVolumeSpike or volSpike)
and (not useEMAFilter or emaSlopeUp)
bearCond = rsi > rsiOverbought and mtfBear and (not useVolumeSpike or volSpike)
and (not useEMAFilter or emaSlopeDown)

// === SIGNAL LOGIC WITH VOLUME SPIKE SUPPRESSION ===
bullSignal = rsi < rsiOversold and mtfBull and (not useVolumeSpike or volSpike)
and (not useEMAFilter or emaSlopeUp) and (not useBullReversalCandle or
bullReversalCandle) and (not useHeikinAshi or haBullish) and (not
useSwingStructure or swingLow) and (not usePriceExhaustion or not
priceExhaustedDown) and not suppressOnVolumeSpike

bearSignal = rsi > rsiOverbought and mtfBear and (not useVolumeSpike or
volSpike) and (not useEMAFilter or emaSlopeDown) and (not useBearReversalCandle
or bearReversalCandle) and (not useHeikinAshi or haBearish) and (not

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useSwingStructure or swingHigh) and (not usePriceExhaustion or not
priceExhaustedUp) and not suppressOnVolumeSpike

// === COOLDOWN LOGIC ===
var int lastBullBar = na
var int lastBearBar = na
buy = false
sell = false

if bullSignal and (na(lastBullBar) or bar_index - lastBullBar > cooldownBars)
    buy := true
    lastBullBar := bar_index

if bearSignal and (na(lastBearBar) or bar_index - lastBearBar > cooldownBars)
    sell := true
    lastBearBar := bar_index

// === SIGNAL HIGHLIGHT COLOR ===
buyHighlight = (useDivergence and bullDiv) or (useCandleQual and bullQuality)
sellHighlight = (useDivergence and bearDiv) or (useCandleQual and bearQuality)

buyColor = buyHighlight ? color.purple : color.lime
sellColor = sellHighlight ? color.purple : color.red

// === PLOTS & ALERTS ===
plotshape(buy, title="BUY", location=location.belowbar, style=shape.triangleup,
color=buyColor, size=size.small, text="BUY", textcolor=color.white)
plotshape(sell, title="SELL", location=location.abovebar,
style=shape.triangledown, color=sellColor, size=size.small, text="SELL",
textcolor=color.white)
//plotshape(suppressOnVolumeSpike, title="High Volume Spike",
location=location.abovebar, style=shape.circle, color=color.yellow,
size=size.tiny)

alertcondition(buy, title="BUY Alert", message="🟢 Reversal Buy Signal")
alertcondition(sell, title="SELL Alert", message="🔴 Reversal Sell Signal")

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Strategy Tester (buys only pine script)

```
//@version=6
strategy("Doji Ashi (just buys) Strat", overlay=true,
default_qty_type=strategy.percent_of_equity, default_qty_value=100)

// === INPUT SETTINGS ===
rsiLength      = input.int(14, "RSI Length")
rsiOversold    = input.float(30, "RSI Oversold Level")

useVolumeSpike      = input.bool(true, "Use Volume Spike Confirmation")
useMTF10mConfirm    = input.bool(true, "Use 10m RSI Threshold Confirmation")
useDivergence       = input.bool(true, "Highlight RSI Divergence")
usePriceExhaustion  = input.bool(true, "Use Price Exhaustion Filter")

volMaLen          = input.int(5, "Volume MA Length")
volSpikeMult      = input.float(2, "Volume Spike Multiplier")
volSuppressionThreshold = input.float(3.0, "Volume Spike Suppression Limit",
step=0.1)
cooldownBars      = input.int(10, "Cooldown Between Signals")

rsi10mOversold    = input.float(40, "10m RSI Oversold Threshold")

takeProfitOffset  = input.float(0.0010, "Take Profit Offset", step=0.0001)
maxBarsInTrade    = input.int(6, "Max bars to hold position")

// === MTF RSI ===
rsi10m = request.security(syminfo.tickerid, "10", ta.rsi(close, rsiLength))

// === CALCULATIONS ===
rsi = ta.rsi(close, rsiLength)
volMA = ta.sma(volume, volMaLen)
volSpike = volume > volMA * volSpikeMult
suppressOnVolumeSpike = volume > volMA * volSuppressionThreshold

// === PRICE EXHAUSTION ===
priceExhaustedDown = close < close[1] and close[1] < close[2] and volume <
volume[1] and volume[1] < volume[2]

// === MTF CONFIRMATION ===
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mtfBull = rsi10m < rsi10mOversold

// === DIVERGENCE ===
pivotLen = 3
pivotLow = ta.pivotlow(low, pivotLen, pivotLen)

var float lastPLOW = na
var float lastPLOWRSI = na
bullDiv = false

if not na(pivotLow)
    if not na(lastPLOW) and pivotLow < lastPLOW and rsi > lastPLOWRSI
        bullDiv := true
        lastPLOW := pivotLow
        lastPLOWRSI := rsi

// === BUY SIGNAL ===
bullSignal = rsi < rsiOversold and mtfBull and
    (not useVolumeSpike or volSpike) and
    (not usePriceExhaustion or not priceExhaustedDown) and
    not suppressOnVolumeSpike

// === COOLDOWN LOGIC ===
var int lastBullBar = na
buy = false

if bullSignal and (na(lastBullBar) or bar_index - lastBullBar > cooldownBars)
    buy := true
    lastBullBar := bar_index

// === STRATEGY ENTRIES & EXITS ===
if buy
    strategy.entry("Buy", strategy.long)
    strategy.exit("TP Buy", from_entry="Buy", limit=close + takeProfitOffset)

if not na(lastBullBar) and bar_index - lastBullBar >= maxBarsInTrade
    strategy.close("Buy")

// === PLOTS ===
plotshape(buy, title="BUY", location=location.belowbar, style=shape.triangleup,
color=color.lime, size=size.small, text="BUY", textcolor=color.white)

```

```
plotshape(suppressOnVolumeSpike, title="High Volume Spike",  
location=location.abovebar, style=shape.circle, color=color.yellow,  
size=size.tiny)
```