//@version=5

indicator("SuperGainz ULTIMATE++ [XRP 3m–45m]", overlay=true, max\_labels\_count=500, max\_lines\_count=500)

// === Settings for XRP Intraday ===

fastEMA\_len = input.int(12, "Fast EMA Length")

slowEMA\_len = input.int(26, "Slow EMA Length")

atrLen = input.int(10, "ATR Length")

tpMultiplier = input.float(1.0, "TP Multiplier")

slMultiplier = input.float(1.2, "SL Multiplier")

// === Risk Management ===

accountBalance = input.float(1000, "Account Balance ($)")

riskPercent = input.float(1.0, "Risk per Trade (%)")

// === Core Calculations ===

fastEMA = ta.ema(close, fastEMA\_len)

slowEMA = ta.ema(close, slowEMA\_len)

atr = ta.atr(atrLen)

// === Buy/Sell Logic ===

buySignal = ta.crossover(fastEMA, slowEMA)

sellSignal = ta.crossunder(fastEMA, slowEMA)

bullish = fastEMA > slowEMA

bearish = fastEMA < slowEMA

// === TP & SL Levels ===

buyTP1 = close + atr \* tpMultiplier

buySL = close - atr \* slMultiplier

sellTP1 = close - atr \* tpMultiplier

sellSL = close + atr \* slMultiplier

// === Plotting EMAs ===

plot(fastEMA, color=color.green, title="Fast EMA")

plot(slowEMA, color=color.red, title="Slow EMA")

// === Trade Signals ===

plotshape(buySignal, title="BUY", location=location.belowbar, color=color.lime, style=shape.labelup, text="BUY")

plotshape(sellSignal, title="SELL", location=location.abovebar, color=color.red, style=shape.labeldown, text="SELL")

// === Trade Stats ===

var float wins = 0

var float losses = 0

var float totalPnL = 0.0

var string lastSignal = "None"

var float equity = 0.0

if (buySignal and not buySignal[1])

lastSignal := "BUY"

tradePnL = (buyTP1 - close)

totalPnL += tradePnL

equity += tradePnL

if (sellSignal and not sellSignal[1])

lastSignal := "SELL"

tradePnL = (close - sellTP1)

totalPnL += tradePnL

equity += tradePnL

if buySignal or sellSignal

if (buySignal and close > buyTP1) or (sellSignal and close < sellTP1)

wins += 1

else

losses += 1

winRate = (wins + losses) > 0 ? (wins / (wins + losses)) \* 100 : na

// === Position Size Calculator ===

riskPerTrade = accountBalance \* (riskPercent / 100)

slSize = buySignal ? (close - buySL) : sellSignal ? (sellSL - close) : na

positionSize = slSize != 0 and not na(slSize) ? riskPerTrade / slSize : na

positionSizeRounded = positionSize != na ? math.round(positionSize) : na

positionText = positionSizeRounded != na ? str.tostring(positionSizeRounded) + " XRP (est.)" : "N/A"

// === TP/SL Text Prep ===

nextTPSL = buySignal ? "TP1: " + str.tostring(buyTP1, "#.####") + " | SL: " + str.tostring(buySL, "#.####") :

sellSignal ? "TP1: " + str.tostring(sellTP1, "#.####") + " | SL: " + str.tostring(sellSL, "#.####") : "N/A"

// === TABLE DASHBOARD ===

var table dashboard = table.new(position.top\_right, 1, 8, frame\_color=color.white, frame\_width=1, bgcolor=color.black)

bgColor = bullish ? color.new(color.green, 80) : bearish ? color.new(color.red, 80) : color.new(color.gray, 80)

trendText = bullish ? "🚀 Bullish" : bearish ? "🔻 Bearish" : "⚡ Neutral"

gainColor = totalPnL >= 0 ? color.lime : color.red

if barstate.islast

table.cell(dashboard, 0, 0, "🛠 SuperGainz ULTIMATE++", bgcolor=color.black, text\_color=color.yellow, text\_halign=text.align\_center)

table.cell(dashboard, 0, 1, "Trend: " + trendText, bgcolor=bgColor, text\_color=color.white, text\_halign=text.align\_center)

table.cell(dashboard, 0, 2, "Last Signal: " + lastSignal, bgcolor=color.black, text\_color=color.white, text\_halign=text.align\_center)

table.cell(dashboard, 0, 3, "Next TP/SL:\n" + nextTPSL, bgcolor=color.black, text\_color=color.white, text\_halign=text.align\_center)

table.cell(dashboard, 0, 4, "Today's Gain:\n" + str.tostring(totalPnL, "#.####"), bgcolor=color.black, text\_color=gainColor, text\_halign=text.align\_center)

table.cell(dashboard, 0, 5, "Win Rate:\n" + (na(winRate) ? "N/A" : str.tostring(winRate, "#.##") + "%"), bgcolor=color.black, text\_color=color.lime, text\_halign=text.align\_center)

table.cell(dashboard, 0, 6, "💼 Pos. Size:\n" + positionText, bgcolor=color.black, text\_color=color.aqua, text\_halign=text.align\_center)

table.cell(dashboard, 0, 7, "⚡ Powered by SuperGainz", bgcolor=color.black, text\_color=color.gray, text\_halign=text.align\_center)

// === Equity Curve ===

equityColor = equity >= 0 ? color.lime : color.red

plot(equity, title="Equity Curve", color=equityColor, linewidth=2)

// === Alerts ===

alertcondition(buySignal, title="Buy Signal", message="📈 SuperGainz: BUY Signal on {{ticker}} @ {{close}}")

alertcondition(sellSignal, title="Sell Signal", message="🔻 SuperGainz: SELL Signal on {{ticker}} @ {{close}}")