Code language: Pine script, so it will be compatible with Trading View.

Security: Implement security measures to protect your API keys, sensitive data, and trading account.

API from Binance.

Data sources from Trading View.

 Strategy:

Exponential Moving Average (EMA): * Short-Term EMA: Often in the range of 9 to 20 periods * Long-Term EMA: Usually in the range of 50 to 200 periods For swing trading, you might consider using a shorter-term EMA to capture more recent price movements while also using a longer-term EMA to identify the overall trend.

Relative Strength Index (RSI): * Common period: 14 * Overbought Level: Typically set at 70 * Oversold Level: Typically set at 30

Moving Average Convergence Divergence (MACD): * Short-Term EMA: Often in the range of 12 periods * Long-Term EMA: Usually in the range of 26 periods * Signal Line: Typically a 9-period EMA of the MACD line These settings are standard and are widely used. The MACD histogram can help identify momentum shifts and crossovers between the MACD line and signal line can signal potential trading opportunities.

Risk management: risk management features to consider for swing trading: * Position Sizing: risk 2% of your total capital on any given trade. * Reward-to-Risk Ratio: Determine your desired risk-reward ratio for each trade. For example, if you aim for a 2:1 risk-reward ratio, your take-profit level should be twice the distance from your entry point as your stop-loss level. * Position Limits: Limit the number of open positions you have at any given time to 4. * Max Drawdown Limit: Set a maximum allowable drawdown (percentage decline from peak capital) for your trading account in 30% * Adjust Sizing During Drawdowns: During periods of drawdown, consider reducing your position sizes to 2 to protect your capital until your strategy shows improvement.