# MACD Histogram + Candle Pattern Strategy

This trading strategy uses a combination of MACD histogram and candlestick color patterns to decide entry and exit points:  
  
📥 BUY Condition:  
- The MACD histogram is \*\*negative\*\* (below zero).  
- The last 2 candles were \*\*red\*\* (close < open).  
- The current candle is \*\*green\*\* (close > open).  
  
📤 SELL Condition:  
- The MACD histogram is \*\*positive\*\* (above zero).  
- The last 2 candles were \*\*green\*\* (close > open).  
- The current candle is \*\*red\*\* (close < open).  
  
Each trade is recorded with entry/exit price and return. The system ensures only one active trade at a time.

## Backtest Results Summary (15-Minute Data)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Company | Total Trades | Win Rate (%) | Avg Return/Trade (%) | Total Return (%) |
| HDFC | 40 | 57.50 | 0.16 | 6.50 |
| MSFT | 44 | 68.18 | 0.13 | 5.94 |
| GOOG | 44 | 61.36 | 0.48 | 21.33 |
| NVDA | 45 | 64.44 | 0.53 | 24.02 |
| RELIANCE | 45 | 73.33 | 0.38 | 16.97 |