

## 1. Strategy Logic & Signal Generation

**Entry Signal (Buy):** We buy when:

1. The **MACD line crosses above the Signal Line**, indicating a shift toward positive momentum.
  2. The **Volume RSI is greater than 55**. A value above the neutral 50 level ensures that the price movement is backed by rising volume, reducing the risk of "fakeouts."
  3. The **Current Price is greater than the 50-day EMA**. This ensures that the stock is in an upward trend.
- **Exit Signal (Sell):** We sell when:
    - **MACD line crosses below the Signal Line**, suggesting that the upward momentum has been exhausted.

## 2. Risk Management Implementation

- Upon entry, a Stop-Loss price is calculated as:  
 $\text{StopLoss} = \text{EntryPrice} - \text{ATR}$
- The strategy checks the daily Low price against this value. If the price dips below the Stop-Loss level, the asset is sold immediately to prevent much loss.
- We don't subtract  $2 \times \text{ATR}$  as subtracting by  $1 \times \text{ATR}$  provided better profits