

#	Indicator Name	Category	Formula	Parameters	Purpose
1	Open	Price	Raw OHLC	—	Opening price
2	High	Price	Raw OHLC	—	Highest price
3	Low	Price	Raw OHLC	—	Lowest price
4	Close	Price	Raw OHLC	—	Closing price
5	Adj Close	Price	Close × Adj Factor	—	Adjusted price
6	Volume	Volume	Trading volume	—	Market activity
7	Return (1d)	Returns	$(C_t - C_{t-1}) / C_{t-1}$	window=1	Daily % change
8	Log Return	Returns	$\ln(C_t / C_{t-1})$	window=1	Log return
9	SMA-10	Trend	Avg(Close, 10)	window=10	Short trend
10	SMA-20	Trend	Avg(Close, 20)	window=20	Medium trend
11	EMA-12	Trend	EMA(Close, 12)	span=12	Fast trend
12	EMA-26	Trend	EMA(Close, 26)	span=26	Slow trend
13	RSI-14	Momentum	$100 - 100 / (1 + RS)$	window=14	Overbought/Oversold
14	MACD	Momentum	EMA(12) - EMA(26)	fast=12, slow=26	Trend strength
15	MACD Signal	Momentum	EMA(MACD, 9)	signal=9	Buy/sell signal
16	MACD Hist	Momentum	MACD - Signal	—	Momentum change
17	BB Middle	Volatility	SMA(Close, 20)	window=20	Mean reversion
18	BB Upper	Volatility	BB_mid + 2σ	std=2	Upper boundary
19	BB Lower	Volatility	BB_mid - 2σ	std=2	Lower boundary
20	Stoch %K	Momentum	$100(C - L_n) / (H_n - L_n)$	window=14	Price position
21	Stoch %D	Momentum	SMA(%K, 3)	window=3	Signal line