

# Stock Technical Analysis with Python

Section 4: Stock Trading Strategies

# Course Disclaimer

- This course has an educational and informational purpose and doesn't constitute any type of trading or investment advice. All conclusions reflect solely the instructor's opinions based on historical data and calculations with the possibility of future outliers not previously observed within this time series. Past performance doesn't guarantee future returns. Investment risk and uncertainty can possibly lead to its total loss for unleveraged products and even larger for leveraged ones.
- Therefore, the instructor is not responsible for any damages caused by using data, information, forecasts, opinions or conclusions for investment decisions; exclusively transferring all this responsibility to the student. Recommending that the student does own due-diligence based on several scenarios and assumptions before taking any forecasting or investment decision.

# Stock Trading Strategies

- **Stock trading strategies** are calculated using single or multiple indicators trading signals. This leads to strategies being long (buying) or short (selling) of the corresponding stock.
- **Loop:** For  $i$  in  $n$ :
  - If Trading Signal = 1: Trading Strategy = 1
  - Else-if Trading Signal = -1: Trading Strategy = 0
  - Else: Trading Signal = 0: Trading Strategy = Previous Trading Strategy