

Algorithmic Stock Trading Using Python

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[Goal]

- 1. Import stock data from Yahoo or Google, analyze and visualize them using Pandas-datareader**
- 2. Start algorithmic stock trading using Zipline**

[Pandas datareader]

- **Import financial data from Google and Yahoo and convert the data into DataFrame object**
- **Became an independent package from pandas version 0.17.0**
- **Installed by using 'pip install pandas_datareader'**

[Zipline]

- **Open source library developed by Quantopian**
- **Offer auto-trading and backtesting functions**
- **Backtesting: applying your trading algorithm to a historic data to see how good your strategy is**