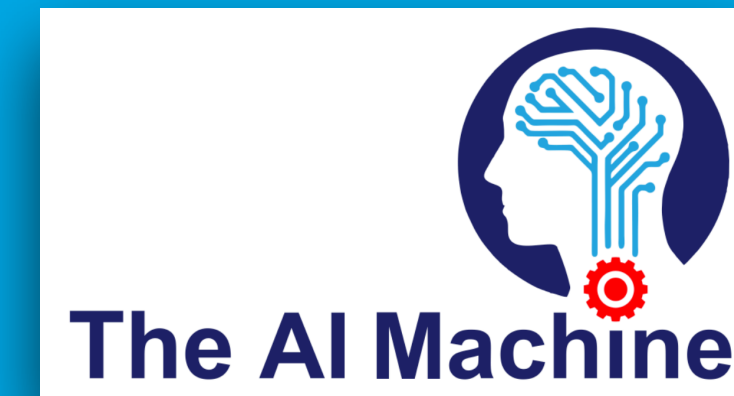


Python for Finance Online Bootcamp

Dr. Yves J. Hilpisch



Late Entry Offer
for the Certificate Program
in Python for Finance
@ Super Early Bird Rate



48 Hours



<https://certificate.tpq.io>

Python for Finance Online Bootcamp

Python

Infrastructure, Tools, Idioms, Data, Control

NumPy

ndarray Objects, Random Numbers,
Visualization

pandas

Data Retrieval, Data Processing,
Visualization

Optional Topics

Statistics,
Machine Learning,
Financial
Applications,
Monte Carlo
Simulation,
Vectorized
Backtesting

https://bit.ly/pffbc_may_2023

Guiding Principles



Python First

Coding and implementation are the focus, rather than theory or practical considerations.

Specific

Algorithms used & examples shown are specific in nature and not meant to provide an exhaustive overview.

```
In [60]: P ①
Out[60]: array([0.4, 0.6])

In [61]: S0 = 10 ②

In [62]: S1 = np.array((20, 5)) ③

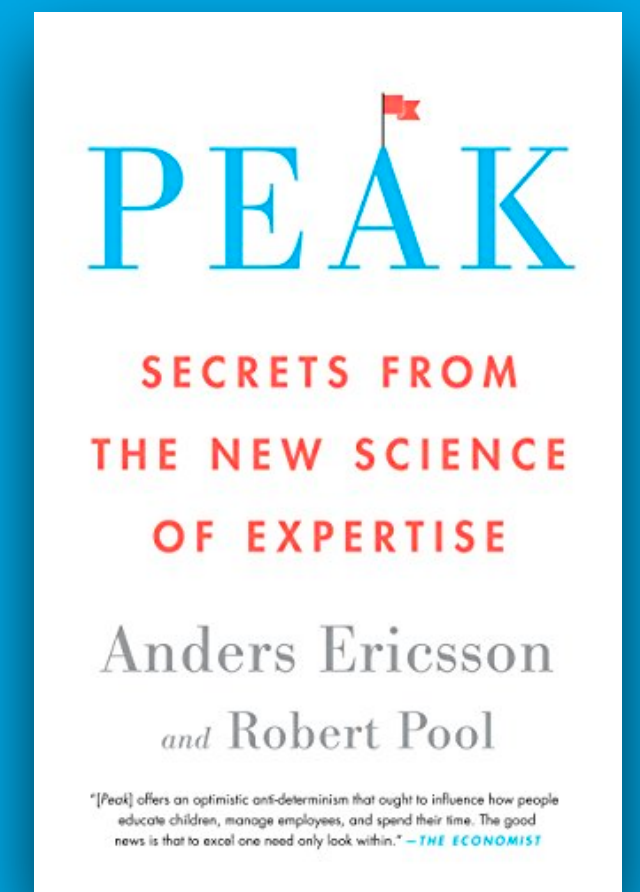
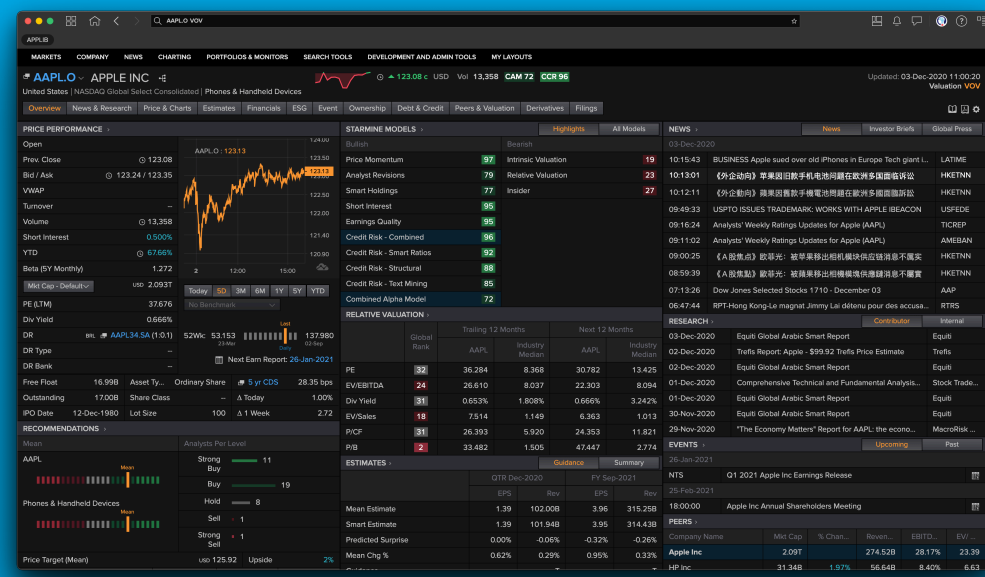
In [63]: np.dot(P, S1) ④
Out[63]: 11.0
```

Reproducible

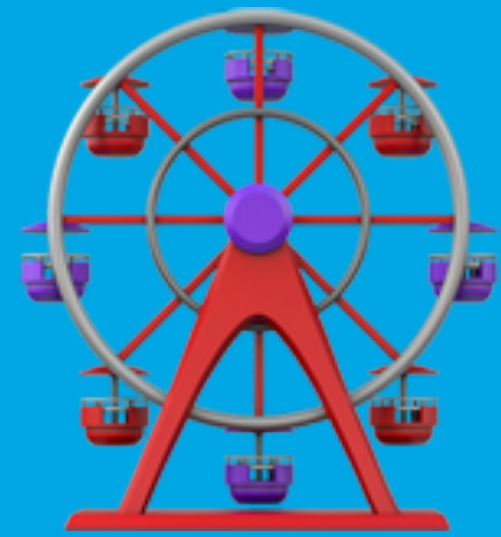
All examples are based on static data sets to allow for reproducibility of results.

Practical

To acquire coding and other practical skills is the main goal. Therefore skill acquisition is indispensable.



Also Noteworthy



Different Levels

The Examples shown will be easy for some and difficult for others. Participants might be beginners or experts.

MacOS

All examples are shown on MacOS and should be straightforward to implement on Linux. With some adjustments also on Windows.



Opportunistic

The examples and illustrations do not provide a comprehensive, systematic treatment of the topics touched upon.

Delayed Rewards

Participants should not only expect “immediate rewards”. Often, it’s better to follow closely and revisit the materials later.



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