

Certificate in **Algorithmic Trading**

- Build trend following, mean reverting and portfolio rebalancing trading strategies with python on online quant trading platform
- Backtest and evaluate trading strategies with various metrics and data visualization
- Avoid common pitfalls of algorithmic trading

For more information

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Overview

Do you know most of the top money-making hedge funds are doing Algorithmic Trading? The most well known Renaissance Technologies averaged 71.8% annual return from 1994 to mid 2014, outperformed Warren Buffet's Berkshire Hathaway.

Can we do Algorithmic Trading too? Previously it was a game only for institutional but with technology advancement, Algorithmic Trading is accessible to anyone and technology is no longer a barrier. The only thing you need is knowledge.

Join us to be the pioneer individual of the Algorithmic Trading world. In this practical introductory course, you can learn how you can create a strategy that run automatically that don't need your attention every single minute during market hours.

Each session will be hands-on and will contain data-driven examples and in-class discussions that are designed to reinforce learning in a practical setting. Our instructor who's an Algorithmic trader will share his personal experience on challenges and traps.



Learning Outcomes

After this course, you will be able to develop Algorithmic Trading Strategies using Python Programming Language



Outline

- Introduction to Algorithmic Trading and its advantages
- Introduction to Trading Platform and Demo
- Trading Strategy Development Workflow
- Source of Trading Ideas
- Risk Management
- Evaluate Trading Strategies
- Pitfall of Algorithmic Trading
- Trading Psychology



Pre-requisite

- Completed Certificate in Data Analysis Fundamentals (With Python & SQL), or
- Have knowledge of basic Python programming, e.g., list, dict, for loop, while loop, if else, try except, panda dataframes... etc

Instructor

Henry Tang has over a decade of experience investing in financial markets. He is an Algorithmic trader using his own platform he developed to trade. Prior to his trading career, he was a Vice President in Morgan Stanley Technology Division.



Who Should Attend

- Working professionals in the finance, banking, insurance, accounting and professional services
- Individuals with basic knowledge of Python or recent degree in Computer or Data Science
- Finance professionals who want to make a move in their career from Finance to FinTech
- IT professionals from non-finance background
- IT professionals in banking industry who would like to enhance programming skills
- People from different industries who would like to switch their career to FinTech
- Financiers who are trying to create another stream of income



Schedule – 16 hours

Date : 16, 23, 30 Mar and 6 Apr (Sat)
Time : 9:00am – 1:00pm



Course Fee – \$7,000

Early Bird Price : \$6,500
(Enroll on or before 8 Mar)

Loyalty Price*: \$6,500

*Loyalty price is for Kaplan 2008 to 2018 students only. Loyalty price cannot be used in conjunction with other promotional discount.



Certificate of Attendance

All participants will be issued a certificate of attendance upon successful completion of this course.



Language

English or Cantonese, with English material



Location

Kaplan Campus. E-Tech Centre, Nos 402-406
Hennessy Road, Wanchai, Hong Kong
(Causeway Bay MTR Exit A)



What to Bring

- Mac or PC Laptop with Chrome installed and able to connect to wifi
- If you need to hire a PC, please contact us and we will be happy to refer you to our preferred supplier. Extra cost applies.
- Laptop charger
- External mouse

Why Kaplan //

Our professional education programs in finance and accountancy are top-ranked in the U.S., U.K., and Australia. Kaplan's substantial investment in learning science in all our programs underlines our emphasis on improving student outcomes and our focuses on educational performance and results.

Kaplan in Hong Kong is one of the largest educational institutions in terms of service scope as well as student population. Kaplan Hong Kong has more than 140 experienced professionals and dedicated staff, each committed to building futures, one success story at a time. We commit to combining years of classroom-based expertise with access to most advanced learning platforms and technology.

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