

Professional Training Course

Introduction to Data Science using Python



“I code my way! Just got promoted from Analyst to Quantitative Researcher!”

Why are coding skills a valuable asset? Any specialty about this course?

- **Acquire up-to-date smart tools** for data analysis and decision making.
- **Instant feedback and professional advice** through in-person training.
- **Tailored samples, exercises and emulation** of in-field industry case studies.

How can Python be applied in various industries?

- **Sales** : Analyze data, identify trends, sales revenue and forecast.
- **Marketing** : Analyze customer behavior and campaign performance.
- **Engineering** : Automate processes and inventory management.
- **Health Science** : Symptoms classification, detection and visualization.

Professional Training Course: Introduction to Data Science using Python

Level I

**Introduction to Python,
Data Types, Variables,
Operators, Boolean**

**"I am a Salesperson.
I use Python to build a sales forecast!"**

Level I

**List, Dictionary,
Conditional Statement:
If-Elif Statement**

Level I

**Looping Statement:
For Loop & While Loop
User Defined Function**

**"I am an English teacher.
I teach Python games to my students!"**

Level II

**Data analysis library: Pandas
Numerical analysis library: Numpy
Case studies of student's industry I**

Level II

**Automate Excel with Python,
Database language: SQL,
Case studies of student's industry II**

**"I am an Accountant.
My financial model is made in Python!"**

Level II

**Web scraping from website,
Matplotlib, Seaborn, Plotly,
Case studies of student's industry III**

Level I course (2 hours per class; total 6 classes) - HKD 4,500

Level II course (2 hours per class; total 6 classes) - HKD 4,500

Full course (2 hours per class; total 12 classes) - HKD 8,600

(10% Early bird discount if payment is made 14 days before the commencement date)

Instructor - Ivan Law

**Buy 2 or more
Get extra 10% Off**

Ivan is the Director of Rivershape Limited, an innovative company to deliver AI implementation, data science training and IT recruitment services, and has 18 years of solid experience in the investment management industry. Prior to joining Rivershape, Ivan was responsible for overseeing all non-investment related functions, such as IT, finance, operations, valuations, risk and compliance in various reputable hedge funds, asset management firms, and banks like The Bank of East Asia and HSBC. Ivan graduated from the University of London with a Master of Science in Financial Management and the Hong Kong University of Science and Technology with a Bachelor of Engineering in Computer Science. Ivan is a certified associate in Python Programming from Python Institute.

Choices of location: Causeway Bay / Mong Kok / Tsuen Wan / Kwun Tong



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<https://training.rivershape.com>