Coding with Python:
Workshop for Accounting and Finance Professionals

FINTECH

Course outline

- Participants will learn to:
- Setup a coding environment to write and run code in Python.
- Load and aggregate data from commonly available sources (pdf, csv, xls)
- Write algorithms to manage, process and optimise data.
- Create data visualisations for analysis and reporting.

Course objectives

Learn how to use Python to automate highly repetitive tasks that currently consume a large number of working hours and get an understanding of handling large scale data analysis through algorithmic methods.

This course introduces basic coding skills to participants through a series of hands-on exercises to solve accounting and finance problems. The coding language will be Python which is the industry standard for data oriented professionals. Python is widely recognised for its ease of learning, making it suitable for participants with little to zero coding experience. It is also supported with many data analysis and machine learning tools which provides the more experienced participants with a powerful tool at their disposal.

Enterprise software comes with limitations that often create additional and unnecessary workload. With relevant skills in coding, participants will be able to make their organisation's data work for them more efficiently. These skills can be leveraged to drive their individual and their organisation's competitive advantages.

Course details	**Who should attend**	**Pre-requisites**	**Model of training**
1 week	Beginners among accounting and finance professionals who want to understand coding.	There are no prerequisites for this programme. Prior knowledge on any of the topics is not required.	Classroom, Field trip
Certificated by Singapore Management University (SMU)			
		Tool Python	