Investment Management

RESOURCES TO LEARN PYTHON (OPTIONAL)

To get started with Python, consider one of the courses from the list of recommended options below:

(1) Data Analysis with Python course offered by freeCodeCamp. This free course provides a complete introduction into all of the core concepts in Python and allows you to learn basics of data analysis in Python by completing interactive coding challenges and watching videos by expert instructors.

(2) IBM also supports a well-designed free Python course on Edx, called Python Basics for Data Science. This course will teach you Python in Jupyter notebooks, an online browser-based coding editor for Python, which means you don't need to install Python. For most practical exercises in this course, we will be using Google Colab notebooks, which are Jupyter notebooks hosted by Google Colaboratory.

(3) Learn Python 3 from Scratch by Educative is another excellent introductory Python course you may want to consider. This is a free class for people with little to no programming experience. The course includes written tutorials, lecture videos, and lots of code exercises to practice Python coding.

You can find more free introductory courses and tutorials on Python programming for beginners on the Udemy website. Another useful website for learning Python, supported by DataCamp, is https://www.learnpython.org/. This resource contains several free interactive Python tutorials and is intended for everyone who wishes to learn the Python programming language. The same is true for the https://www.python.org website.

If you are a complete beginner in Python programming, rest assured that this course will provide you everything you need to get started. **You are not expected to have any prior experience with Python, nor are you expected to install anything or configure your computers to run Python code.** You will be using a free online Jupyter notebook service hosted by Google Colaboratory. It requires no setup to use and allows anybody to write and execute python code through a standard web browser, such as Chrome. Please refer to the "Python_workspace.pdf" document in the course packet for more information on Google Colab.

Furthermore, all Python problems and exercises covered in our lab sessions are accompanied by detailed instructions, taking you through each work notebook step by step. Each notebook contains the necessary code, explanatory text, and all custom modules needed to complete the exercises.