

IDC4252C

M03Lab

Prerequisites

Python 3.12 installed on your system or use Horizon_W11 (horizon.fscj.edu)

Instructions

Use Python to create visualizations of time series data.

In Python for Finance Cookbook, Visualizing Financial Time Series chapter, begin with the section titled Basic visualization of time series data.

Use the light version of your IDE, not the dark or night version. Include a header comment at the top of the file that includes your name and the assignment.

Follow the steps to download, preprocess, and plot Microsoft's stock prices and returns series. Continue through the steps, taking screenshots of the output as you go, and end with the plot that generated Figure 3.3.

Paste your screenshots in a Word document / PowerPoint presentation and 'Save As' a PDF. Add the PDF and your python script to the GitHub repo for M03Lab.