

IDC4252C

M01Lab

Prerequisites

- Google account (gmail works as well)
- Nasdaq Data Link account: <https://data.nasdaq.com/individual-users>
- Register at Intrinio.com to get an API key: <https://intrinio.com/>
- Register at Alpha Vantage to get an AIP key: <https://www.alphavantage.co/support/#api-key>

Instructions

Go to <https://colab.research.google.com/>

Review the Welcome to Colab! page and go through the sections:

Getting started

Data Science

Machine learning

More Resources

Featured examples

Create a new notebook: go to File -> New Notebook

Save the notebook with a new name: go to File -> Save a copy -> Rename: <lastname>-M01Lab

From Chapter 1 – Acquiring Financial Data: https://go.oreilly.com/FSC-Jacksonville/library/view/python-for-finance/9781803243191/Text/Chapter_1.xhtml#_idParaDest-15

Begin with the **How to do it...** section and type the python code into the notebook, executing each cell as you go.

Continue through the **There's more** section, typing the code in the notebook and executing each cell as you go.

Make sure your data includes prices through 12/31/2023.

Follow all the steps to get data from Yahoo Finance, Nasdaq Data Link, Intrinio, Alpha Vantage, and Coin Gecko.

Take screenshots of the output of print statements and paste into a Word/PowerPoint document. Label so I can tell where each screenshot came from.

Save As a PDF file so I can view your work on GitHub. Upload to the repo at the assignment link for M01Lab

In Google Colab, save a copy your notebook in GitHub in the repo for M01Lab.

There is no Canvas submission for this assignment.