

My answer: <https://github.com/Data-2-CFG/diane-cfg-homework/tree/main/diane-HW1-data>  
Or here: <https://github.com/diwalia/my-repo-diane/tree/main/diane-HW1-data>

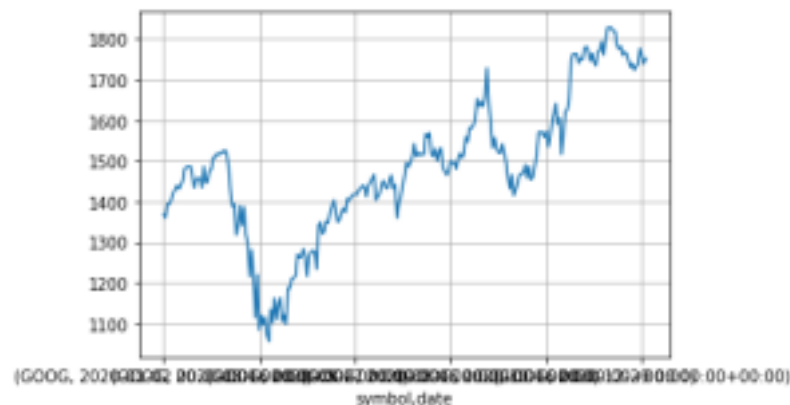
## HOMEWORK 1

### TASK 1

1. Using any finance API (we use Yahoo Finance and Tiingo during sessions) download historical stock prices for Google (symbol 'GOOG'), for the period **1 Jan 2020 to 1 Jan 2021**.
2. Save these prices to csv file with Pandas
3. Read this csv file to display data saved.
4. Plot a simple diagram to display closing prices for GOOG stock.

Here is example code snippet for plotting:

```
1 import pandas as pd
2
3 # Import Matplotlib's 'pyplot' module as 'plt'
4 import matplotlib.pyplot as plt
5
6 # Plot the closing prices for 'Google'
7 google['close'].plot(grid=True, )
8
9 # Show the plot
10 plt.show()
11
12 # DO NOT WORRY ABOUT THE BOTTOM LABELS BEING 'PACKED' we will learn how to handle that later
```



### TASK 2

1. Repeat exactly the same steps and plot a similar diagram for Microsoft stock.
2. NB: Microsoft ticker symbol is 'MSFT'