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# Extracting and Visualizing Stock Data

## Description

Extracting essential data from a dataset and displaying it is a necessary part of data science.

## Table of Contents

- Define a Function that Makes a Graph
- Question 1: Use yfinance to Extract Stock Data
- Question 2: Use Webscraping to Extract Tesla Revenue Data
- Question 3: Use yfinance to Extract Stock Data
- Question 4: Use Webscraping to Extract GME Revenue Data
- Question 5: Plot Tesla Stock Graph
- Question 6: Plot GameStop Stock Graph

Estimated Time Needed: 30 min

```
[1]: !pip install yfinance==0.1.67
!mamba install bs4==4.10.0 -y
!pip install nbformat==4.2.0
```

Collecting yfinance==0.1.67  
 Downloading yfinance-0.1.67-py2.py3-none-any.whl (25 kB)  
Requirement already satisfied: pandas>=0.24 in /home/jupyterlab/conda/envs/python/lib/...  
Requirement already satisfied: numpy>=1.15 in /home/jupyterlab/conda/envs/python/lib/...  
Requirement already satisfied: requests>=2.20 in /home/jupyterlab/conda/envs/python/li...  
Collecting multitasking>=0.0.7 (from yfinance==0.1.67)  
 Downloading multitasking-0.0.11-py3-none-any.whl (8.5 kB)  
Requirement already satisfied: lxml>=4.5.1 in /home/jupyterlab/conda/envs/python/lib/...  
Requirement already satisfied: python-dateutil>=2.7.3 in /home/jupyterlab/conda/envs/...  
Requirement already satisfied: pytz>=2017.3 in /home/jupyterlab/conda/envs/python/lib/...  
Requirement already satisfied: charset-normalizer<4,>=2 in /home/jupyterlab/conda/envs/...  
Requirement already satisfied: idna<4,>=2.5 in /home/jupyterlab/conda/envs/python/lib/...  
Requirement already satisfied: urllib3<1.27,>=1.21.1 in /home/jupyterlab/conda/envs/py...  
Requirement already satisfied: certifi>=2017.4.17 in /home/jupyterlab/conda/envs/pyth...  
Requirement already satisfied: six>=1.5 in /home/jupyterlab/conda/envs/python/lib/pyt...  
Installing collected packages: multitasking, yfinance  
Successfully installed multitasking-0.0.11 yfinance-0.1.67

Simple

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Waiting...

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