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CS 212

Project 1 Checkpoint

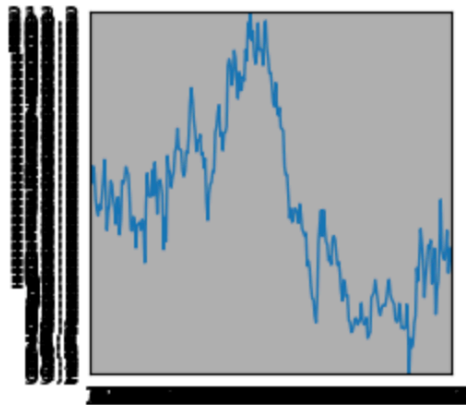
11/1/2023

Checkpoint

This is a checkpoint of the objectives that I set before starting this program.

Objectives Completed

1. API Handling
 - I was able to complete all API handling and retrieved that data. I only have data for IBM but could use other stocks if I wish.
 - I was able to return these values as json.
2. Pandas Data Frame:
 - Converting to pandas' data frame was completed.
 - There wasn't really any data cleaning that needed to be done but I needed to do some reformatting. For instance, I needed to convert everything into floats from strings and reverse the order of the data.
3. Plotting
 - I converted everything into numpy arrays (data values) for easier plotting.
 - I was able to plot everything but couldn't fix the axes labels. They are very dense with values.



Future Objectives

1. Matplotlib
 - Clean axes labels and make data more presentable.
2. Data Learning

- Start experimenting with machine learning to predict what future values might be.
- 3. Comparing Data
 - Finding trends where the values of are high or low and relay them on real world events to show meaning (this will be the final report).