**Task: Visualize Gainers**

1. Import the following modules at the start of your algorithm

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2. Create the today variable:

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3. Obtain the current top 20 gainers of day by making a request to the Polygon.io (<https://polygon.io/docs/stocks/get_v2_snapshot_locale_us_markets_stocks__direction>) and you will get a JSON object as a return value.

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Hint: Do not include OTC securities in the response

4. Create a list of 20 tickers and print them out

5. Obtain the minute by minute data for all 20 stocks by making a request to the Polygon.io (<https://polygon.io/docs/stocks/get_v2_aggs_ticker__stocksticker__range__multiplier___timespan___from___to>) and you will get a JSON object as a return value.

Hint: Use an f-string with the today variable from step 2 for the “from” and “to” parameters

6. Create a graph of all 20 of the stocks’ prices using the list of minute by minute prices. There should be 4 rows and 5 columns

A close-up of a graph

Description automatically generated

It will end up looking something like this:

A chart of graphs and diagrams

Description automatically generated with medium confidence

7. Save your algorithm as a “.py” file in your documents folder:

A screenshot of a computer

Description automatically generated

8. Run your algorithm from the terminal (change directory to documents before running code)

A screenshot of a computer

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