**Task: Analyzing Volume**

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

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2. Create the following variables:

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3. Obtain the day by day volume (over the past 3 months) for the stock you picked 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.

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Hint: Use an f-string with the three variables from step 2 for the “stocksTicker”, “from”, and “to” parameters

4. Use the statistics module to find the mean and standard deviation of the volume

5. Print out the stock’s current volume. Hint: if you made a list of the stock’s volume, today’s volume can be found by the index [-1]

6. Print out the stock’s average volume over the past 3 months

7. Print out the stock’s standard deviation of volume over the past 3 months

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

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

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