* Sources
  + <https://stackoverflow.com/questions/10406130/check-if-something-is-not-in-a-list-in-python>
  + <https://www.datacamp.com/community/tutorials/python-list-methods?utm_source=adwords_ppc&utm_campaignid=1565261270&utm_adgroupid=67750485268&utm_device=c&utm_keyword=&utm_matchtype=b&utm_network=g&utm_adpostion=&utm_creative=295208661502&utm_targetid=aud-517318241987:dsa-429603003980&utm_loc_interest_ms=&utm_loc_physical_ms=9031238&gclid=CjwKCAiAxeX_BRASEiwAc1QdkVQl6aS2ZMJ5fbBpEHeS1Kiuv_UZXj_o1J4ptqJ7cH44B6Ri17FKCRoCkd8QAvD_BwE>
  + <https://stackoverflow.com/questions/46965192/python-how-can-i-find-difference-between-two-rows-of-same-column-using-loop-in>
* Collaborations
* Thoughts
  + What is being asked?
    - Make a repository and clone it locally
      * This will require a syncing with bash
    - Read in files
      * Make sure this is done from a local repo that’s synced to GitHub so it’ll be replicable
    - Return the number of unique values in the first column
    - Return the average change in the first column
  + Pseudocode
    - Unique values in a list. There are two possible solutions:
      * There exists a function that dedupes the values in a column and we can then take the length of the that column/list
        + Looks like Pandas can do this easily… come back to this option later
      * Loop through each row
        + Add the date value to a running list if it meets the following condition

Date NOT IN RunningList

* + - * + If the condition is met, append that value to the list
        + Finally, use len() to output the number of unique values in the list
    - Average change
      * Calculate the difference and store them in a list
      * Then divide by the length of that list. This should be one less than number of differences which should be one less than the number of months (86).
      * Loop through each row
        + Take the “row” and find a way to use “row” + 1 to perform the calculation: ROW[“row” + 1] - ROW[“row”]
        + Then we add that into a tracking list

This should only run under the condition if ROW[“row” + 1] exists