

52WeekHiLo.py

Use this program to collect the number of shares achieving their 52 week high or low price.

- a. It uses schedule to control the collection of data each working day. (Mon-Fri)
- b. The data is collected from the barchart.com website.
- c. The data is saved in a file 52s.L.txt in the SharesData directory.
- d. Each record has an incrementing index (pointer) used when plotting.

The Raspberry Pi used to test these instruction notes had a new memory card with the latest Raspian-Wheezy image (2015-05-05). The programs work with Python 2.7

Prerequisites

1. Update and Upgrade your Raspberry Pi before installing more libraries.
2. The schedule function is required.
3. A text file 52s.L.txt is required to hold collected data.

1. Update and Upgrade . (Skip this step if you installed GetHistorical.)

- a. Type `sudo apt-get update`
- b. Type `sudo apt-get upgrade`

Choose Y to continue when asked. This process will take a while.

2. Install Schedule function (Skip this step if you installed GetRegular)

- a. Type `sudo pip install schedule`

3. Create the 52s.L.txt file.

- a. Using a Text Editor, Leafpad or similar, create an empty text file called '52s.L.txt' save it in the SharesData directory.

Program Listing.

Using Midori, Epiphany or similar navigate to the python file then cut and paste the listing into Idle.

<http://www.rknorman.co.uk/52WeekHiLo.py>

Save the program as 52WeekHiLo.py in the 'Shares' directory

Notes on using 52WeekHiLo.py

1. The Raspberry Pi must be connected to the Internet.
2. The program needs to run all the time so it can collect data each workday at 20:00hrs.

I have two directories with the programs and the data files in them. The 'Shares' and 'SharesData' directories are the main ones. Another pair of directories 'TestShares' and 'TestSharesData' are used as my test environment so I can modify and test stuff without messing up data already collected.

Sources and Contributors

I have borrowed code and ideas from the following sites for this program:

Copying files <http://pythoncentral.io/how-to-copy-a-file-in-python-with-shutil/>

Using Schedule <https://pypi.python.org/pypi/schedule>

Disclaimer

I will not be responsible for any monetary loss, loss of data, corruption of files or any other problems resulting from these programs or the installation processes.