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Youtube Link: <https://www.youtube.com/watch?v=w3ZpcTl7nGM>

DocIt PatientWare

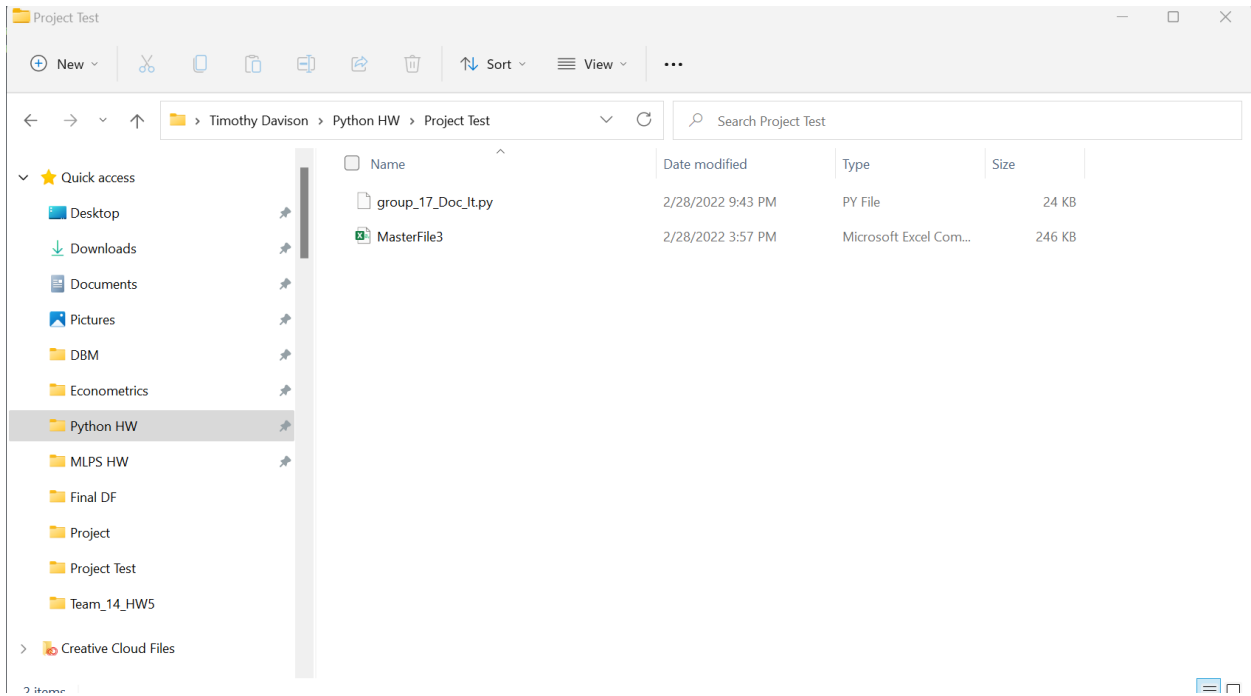
- The installation and setup of our product are very simple and straightforward when using our dataset of medical doctors in the greater Pittsburgh area.
- It is of importance that our data is used as, in the midst of our project, the major providers (UPMC) began to protect their online information from web-scraping. Luckily, we were able to do this in time to generate a more than sufficient database.

Requirements:

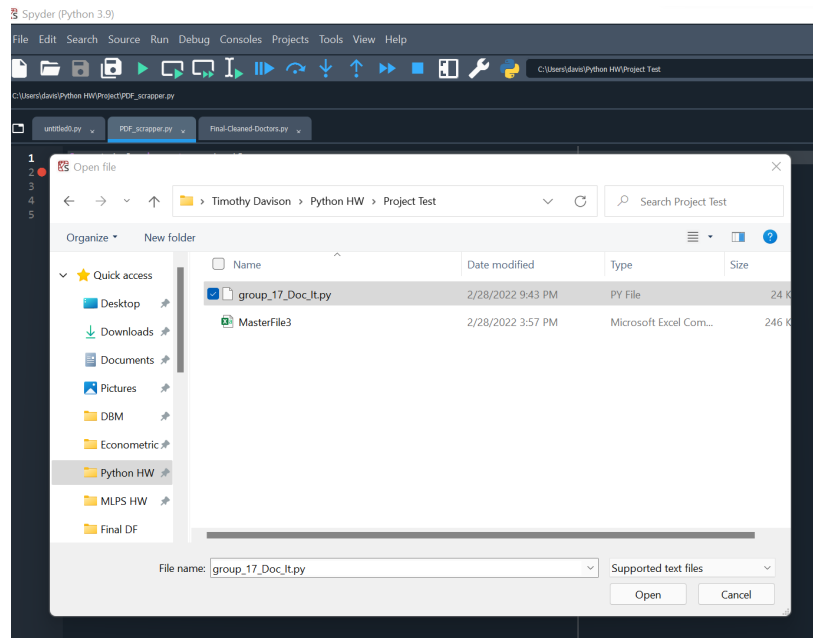
- Anaconda that supports Python 3.9.
- Imports: Pandas, Numpy, Tkinter, Matplotlib, Csv, requests, re, userlib, haservine, display, pandastable, folium, webbrowser
- Open Anaconda prompt (anaconda 3) and type the following commands:
 - 'pip3 install haversine'
 - 'pip3 install pandastable'
 - 'pip3 install folium'

Setup:

- Download project zip, which contains 'group_17_Doc_It.py' and 'MasterFile3.csv', and ensure they are in the same subdirectory.
- The other files in this .zip are for data gathering, cleansing and integration.



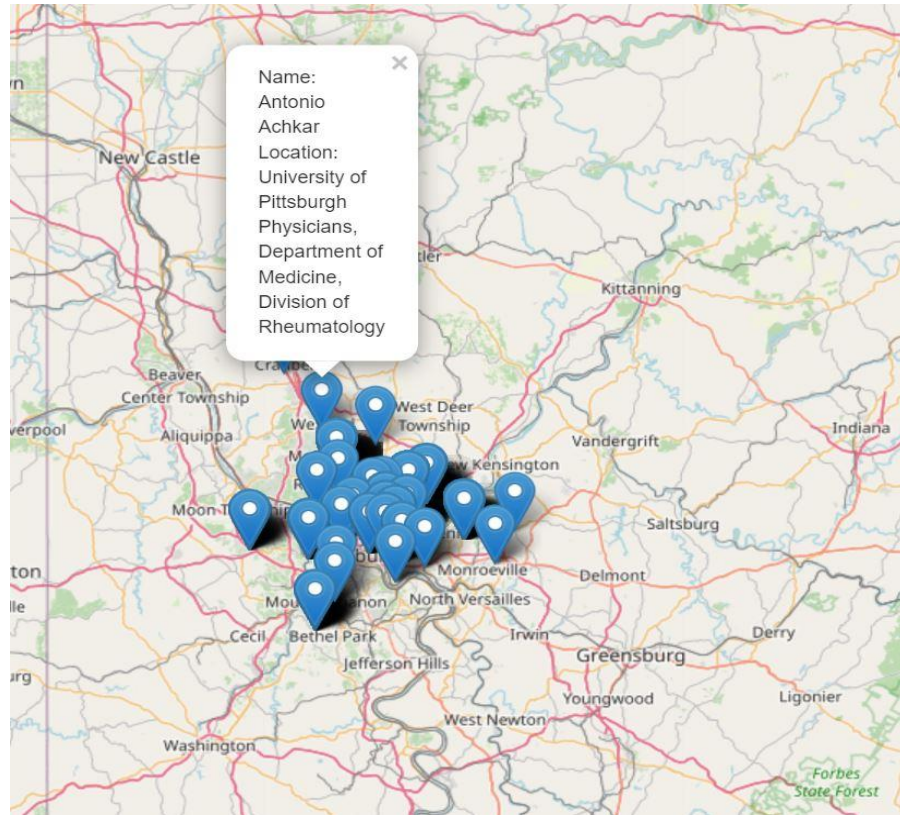
- Open 'group_17_Doc_It.py' with the spyder IDE



- Run the file:

The screenshot shows a window titled "Doc-It!". Inside, there is a "Welcome to Doc-It" header. Below it, a form for doctor information includes fields for "Doctor First Name", "Doctor Last Name" (containing "Adams"), and a "Select a specialty" dropdown. There are radio buttons for "Can prescribe Medical Marijuana?" with "Yes" selected. A "Zipcode" field is also present. Below these are buttons for "Submit", "Show Graphs", and "Show Map". A section titled "Rate a Doc!" contains fields for "First Name", "Last Name", and "Rating (0-5)" (with "0" entered), and a "Rate" button.

- You will notice that after clicking the green 'run' button in Spyder - A Graphical User Interface will popup.
- GUI Interaction: Search for any specialty, doctor name, zip code, etc. An example:
- You may notice that a second window will appear after selecting the search button.
 - An Example of the show map function, which shows a map with all of the doctors in the search executed.



- The user can also click the 'Show Graphs' button to display metadata about the doctors in a more visible setting.

