

Tool Updates:

Created excel.py

This is a python class that gives certain functions to allow the integration of an excel sheet from the data collected by the automated tool. This function along with a few additions to the code given by the collaborators allows for an automated process of data collection. The idea of integrating this kind of system is to eliminate the need for accessing and collecting data from the reports as it will automatically go into an excel sheet. As of right now once the tool is ran for X amount of websites it will report the following to individual rows for each website: Website Name, Date & Time Analysed, Website Link, 3rd Parties receiving data containing search term, 3rd parties receiving other information.

Some suggestions to continue the work on this feature would be to add a search method or tool to look for other data such as: Contact Number, Contact Email, and information about the privacy policies and consent forms.

Another area that could use some work is the Name collecting feature where it collects the name, as of right now some of the websites have "Home - :Website Name:". You can check the data to see if it starts with "Home -" and if it does remove it.

Created emailMaker.py

This is a python script that will automatically generate the emails you will need to send to these websites. The reason behind making a script like this was that each email needed to be different based on the findings of the site. Depending on information such as Third Parties receiving information, Privacy Policies Present, Consent forms present, User consent optional we needed to construct different email formats based on these conditions. As of right now this tool will right x amount of emails in txt files that will contain the following information:

- 1: An Email Address to send the email to **OR** the website link to find the form to send an email
- 2: CC email
- 3: Subject
- 4: The email it self

IMPORTANT:

- i. As of right now the tool is configured to be able to handle up to 2000 emails. If for what ever reason you have analyzed over 2000 websites and your excel sheet exceeds the 2000

mark you will need to change some fields in the code: Lines 34 - 41 this first condition for each statement will need to be changed from 2000 to what ever number of websites you have.

ii. The cc email can be updated based on who you want to cc by changing the string on line 58

iii. Same thing with the subject on line 59

iv. If you have any issues or questions with the code I have provided please feel free to email me at ynoori@uoguelph.ca and I will try my best to assist you.

Some suggestions to continue the work on this feature would be to

1. Add an automated email sender so that you will not have to manually send the emails yourself from the text files generated by the code.
2. Maybe configure the tool so it takes some command line arguments for the cc, subject and number of emails being analyzed.
3. Could also convert the text files into html format to make the emails better constructed with nice formatting.