

Google Search Scraper Program

- To run this program, either click "Run" in order on the code cells, or go to Cell > Run All in Jupyter Notebook
- This program will output a list of links for a given Google search query, and save them to the file: (search_query)_search_results.txt

Other notes:

1. This program asks the user to provide a search query and number of results they would like, or has the option of running with the default values: 1 page of results (10 results), and the search query "mapuche tribe argentina chile."
2. This program puts your search request to Google directly, so it is able to refine searches using the same operators that exist in the Google engine.
 - This includes specifying only a certain domain (ex: site:wikipedia.org), performing AND or OR queries, and searching for an exact phrase with quotation marks ("exact phrase here").
 - See this page for reference (<https://support.google.com/websearch/answer/2466433?hl=en>).
3. Google may limit requests after running this program a certain amount of times because it will think you are a bot. If you run into issues fetching results, it is likely you will need to change the "user_agent" variable in the 4th cell.
4. You will need to have installed the Jupyter Notebook, requests, and BeautifulSoup libraries, if you haven't already. The commands for doing so are as follows, which you will need to type in the terminal (Command line for Windows) * python -m pip install notebook * python -m pip install requests * python -m pip install beautifulsoup4