

README

- facebookCrawledCSVSamples contains sample .csv files that result from the facebookScraper
- databaseCSV contains cleaned .csv code
- databaseQueries contains all of the database queries

Collecting Data

- Data can be collected and stored into a .csv file through the use of the facebookScraper.py script.
- Parameters for running script:
 - The app_id and app_secret variable needs to be filled before being able to use. One can obtain their unique codes from <https://developers.facebook.com/>.
 - page_id needs to be changed to correspond to the public facebook page you want to crawl
- Run by executing facebookScraper.py on a terminal. The corresponding .csv file will be created in the same directory
- add_names can be used to help with multiple filename scrapping

Initializing Database

- Install Neo4j: <https://neo4j.com/download/>
- Import all .csv files into the database directory. Ex. for importing into the default database after Neo4j installation, path would be “./Neo4j/default.graphdb/import”
- Launch Neo4j and open interface
- Open the Favorites tab
- Drag and drop all of the database query .cyp files onto the import section to upload all of the scripts
- Load data from .csv file by running the load.cyp script.
 - To change which file to upload, you need to open the script and edit the .csv filename on line 3
- Run database queries by either running the imported script or copying them to the terminal in the interface
 - Note that scripts that have limiting parameters need to be manually changed in order to meet the user's limit or requirement preference