Network Communication Homework

Using the file place\_locs.csv found on the course website, construct the file place\_locs\_with\_latlon\_{studentname}.csv. For example, my file would be named place\_locs\_with\_latlon\_marshallmarkham.csv.

The file should contain all of the original columns with two additional columns, lat and lon appended to the right of the original data. You can geocode the addresses found in place\_locs.csv using the API documented at: <https://www.census.gov/data/developers/data-sets/Geocoding-services.html>

There are also instructions on API usage at: <https://geocoding.geo.census.gov/geocoder/Geocoding_Services_API.pdf>

Hints:

1. There is a batch geocoding api available, but if you feel up to the challenge try using the single address api on a loop (obviously we would not do this IRL, but it is good practice working iteratively)

2. Use benchmark=9 as the benchmark parameter