Quest

Part 2: Photo Geo Analysis

Task 1 – Task 2

Project URL: <https://github.com/kelvinluo/Photo-Geo-Analysis>

Output Files:

* photo\_with\_lat\_lon.csv – Contains data of the photos with latitude and longitude coordinates
* photo\_without\_lat\_lon.csv – contains data of the photos without latitude and longitude

Note:

* Since the 500px API provided was compatible with Python 3.4, I used RestFUL api request and eternal libraries for 500px instead.
* There are some packages for python which I used for the program, the instruction of installation is written within the program’s documents.

Task 3

1. The breakdown of countries of each photo are containing in the photo\_with\_lat\_lon.csv
2. In the photo\_with\_lat\_lon.csv, each row contains the popularity of the country where the photo is taking. Finding the most popular country will be easy; use the built-in sorting functionality of excel on the column “Country Popularity” and find the country with the highest number.
3. For the photos with no latitude and longitude, I used the “Location” parameter inside the data I downloaded with the photo and write it along with the photo’s information within the document photo\_without\_lat\_lon.csv