Instagram Post Locations

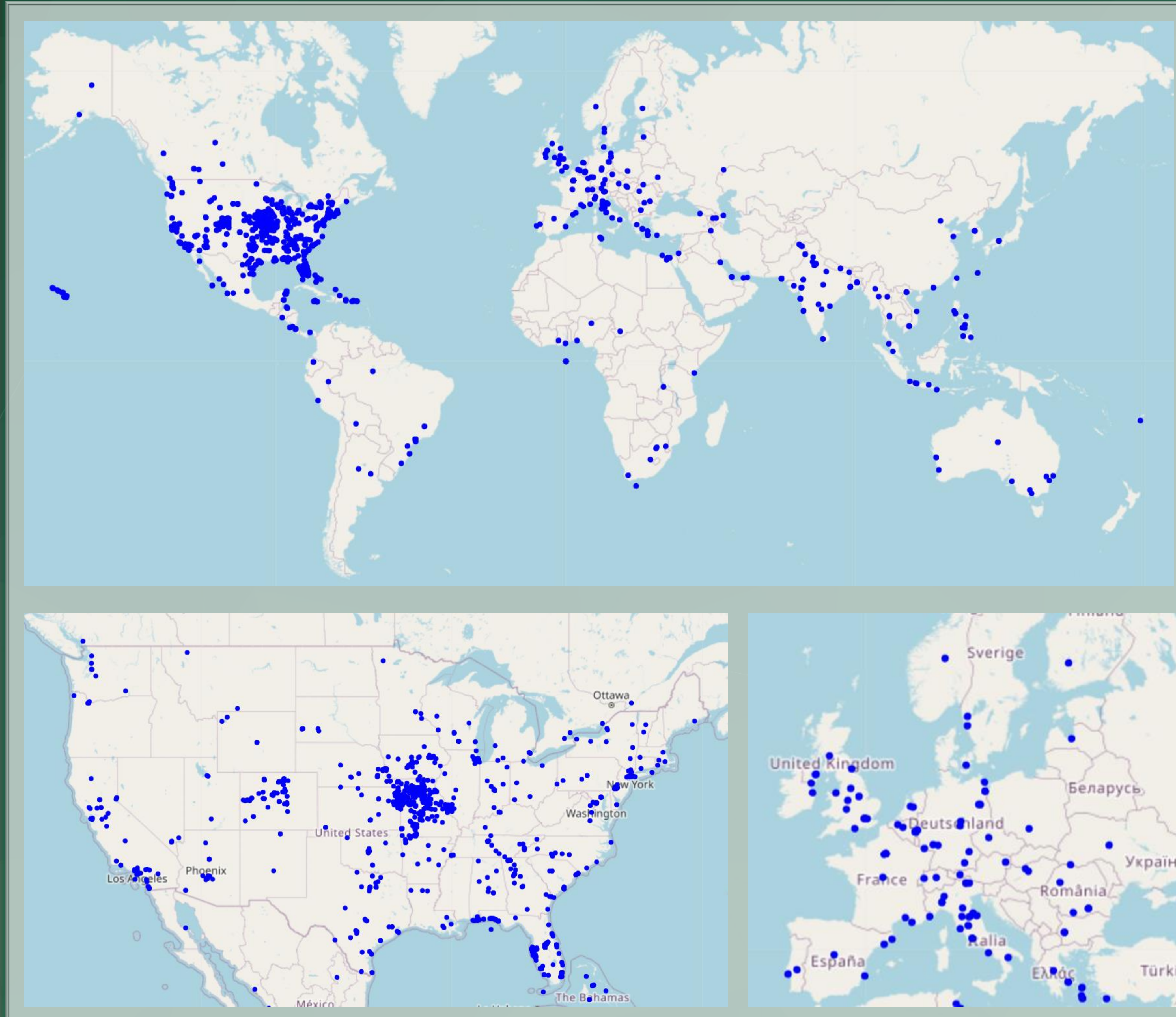Avery Schreiner | schreineravery@gmail.com

Introduction

This project looks at where my Instagram friends have been based on the tagged locations of their posts. I have friends, both American and international, here at Northwest, and I was interested to see how much of our planet that my friends have covered!

Methods

My method for gathering this data is as follows:

1. Create an Authenticated User Client with my Instagram login.

2. Get the unique identifiers for my followers and the people I am following.

3. Create an intersecting set of my followers' and my followings' identifiers.

4. For every id in this new set, get all their posts, and if a post has a tagged location, add the latitude and longitude as a pair to our locations list.

5. Once all of the locations have been gathered, we can create a folium map and add a marker at each of the locations..

Mapped Locations

Resources

- Python: https://www.python.org

- Jupyter: https://jupyter.org

- Private Instagram API: https://instagram-private-api.readthedocs.io/en/latest

- Folium: https://python-visualization.github.io/folium

Conclusion

- The most popular places for my friends to tag an Instagram post are the United State, Europe, and Southern Asia.

- Within the US, Missouri is a popular place to tag a post, and this is to be expected considering both my hometown and university are in Missouri.

- Other popular Instagram post locations in the US were near vacation destinations such as Hawaii, California, Colorado, and Florida.

- Surprised to see locations pop up in places such as Southern Brazil, Southern Asia, Africa, and Australia.

- My Instagram friends have been almost everywhere in the world!