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Web Mapping

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Lab 5

Introduction

The objective of this lab is to learn how to access APIs and external JavaScript libraries, and to thus extend the skills we’ve been learning with leaflet. Additionally, learn to overlay API information like Instagram.

Method

As per the instructions in the lab document, I firstly went through the tutorials thoroughly. I attempted retrieving my own access token to Instagrams API but to no avail. Luckily, you Dr. Burns, provided your access token and hopefully that will work in my final map. I downloaded Leaflet.Instagram and reqwest libraries to my own folders. I additionally accessed a .KML file of a route I used to run in San Francisco, I will cite the source at the bottom of this lab. Finally, I used the access token given by you to overlay instagram data on to a leaflet map.

Results

The focused area is a location that I know Instagram flourishes. San Francisco, especially ocean beach, is a popular place any time of the year.

Conclusion

I’m attempting here to give you a pretty blank canvas by using toner from Stamen tiles. I guess the rolling fog that is always creeping up the sand dunes from the ocean inspired me so I used the greyed out tile. I also attempted to enter in the coordinates of my runs. I’ve added an alert that indicates the inspiration behind the geoJSON file I used. Utilizing this method of calling information has taught me quick a bit more about JS and geoJSON utilization.

Cited Resources:

Personally created route KML through <http://www.mapmyrun.com>