

Predicting the best location

Introduction

Business Problem

Client: I want to know the best place to visit in Washington DC according to their ratings and feasibility, how will you suggest to proceed

Me: As per client's requirement and time constraint I searched the web and took 4 potential places to determine the best according to locality and feasibility

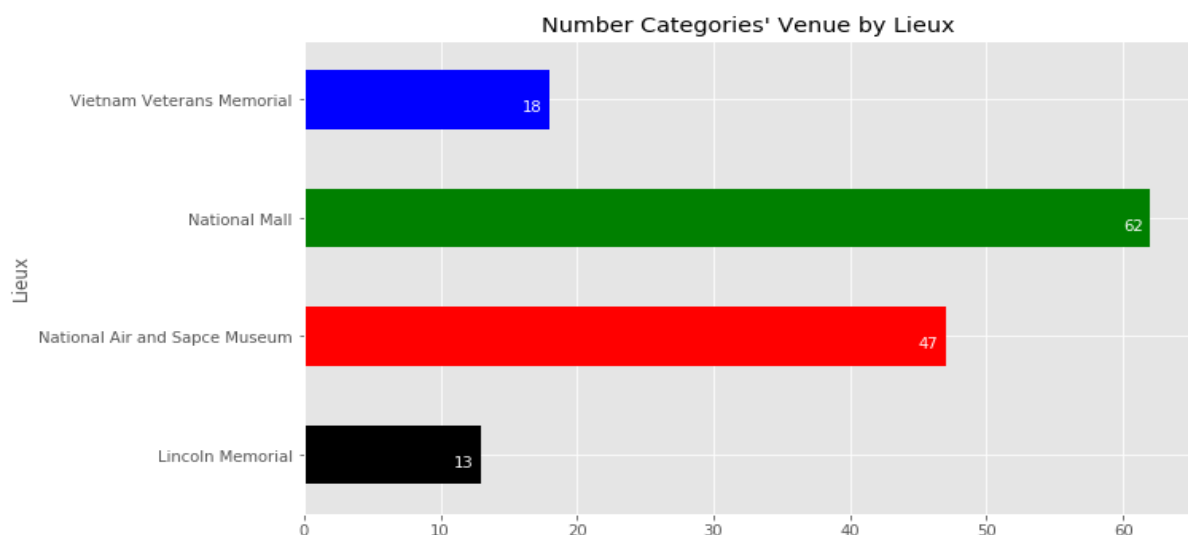
Data

Used google maps and geocoder to locate data of Washington DC.

Methodology

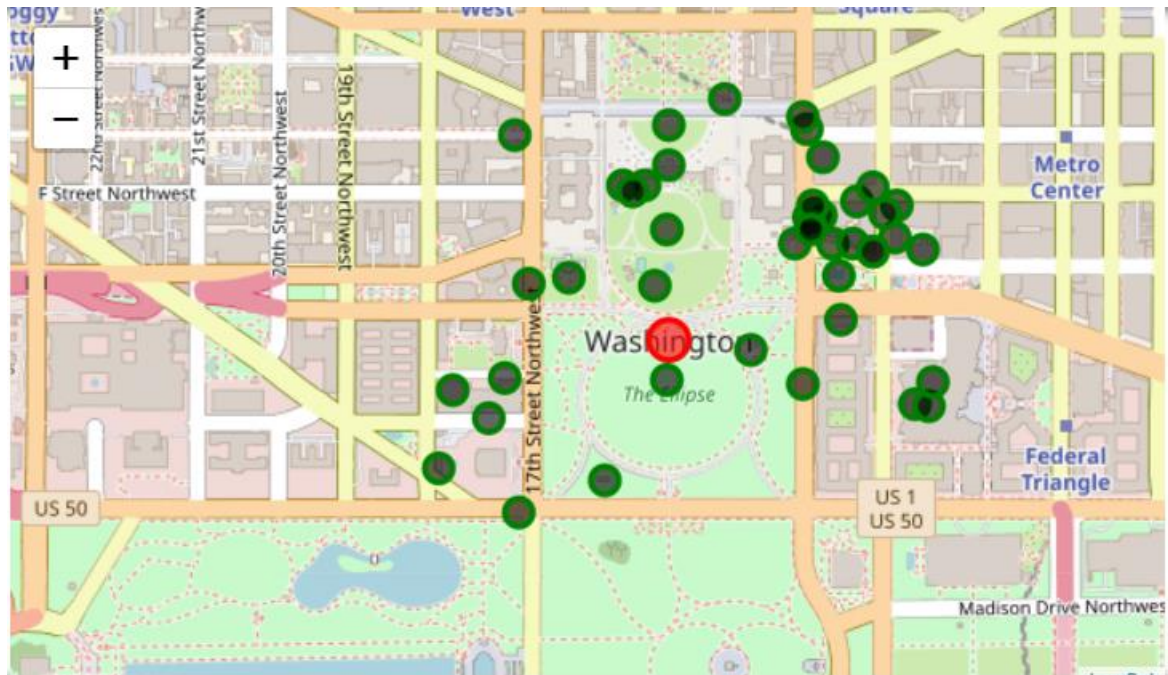
We Explored the city using foursquare API, then rated four shortlisted venues i.e. Lincoln memorial, National Air and Space museum, National Mall, Vietnam veteran's memorial.

We created a venues-based histogram to understand better.



[illegible][illegible]

These are the hotspot places of National mall with minimum distance and maximum places.



Result

According to the analysis I predict that Lincoln memorial will be most feasible according to client to have a full use of time explore the locality

However, if there is time, I suggest National Mall for exploration as this place has lots of hotel for stay and a word map is attaches for your benefit

Discussion and Conclusion

Here is the end of the data analysis. It is possible to rework some chart, but I think I already have enough result to make a conclusion.

The example for this capital Washington DC can also be realized for the other three(Paris, Washington, Rome, London). It is also interesting that we can compare to each other. Other factors could be added such as weather and cost depending on the time of the year chosen.

Thank you for following me in my analysis.