

Randomness based travel agency

We love dissimilarities

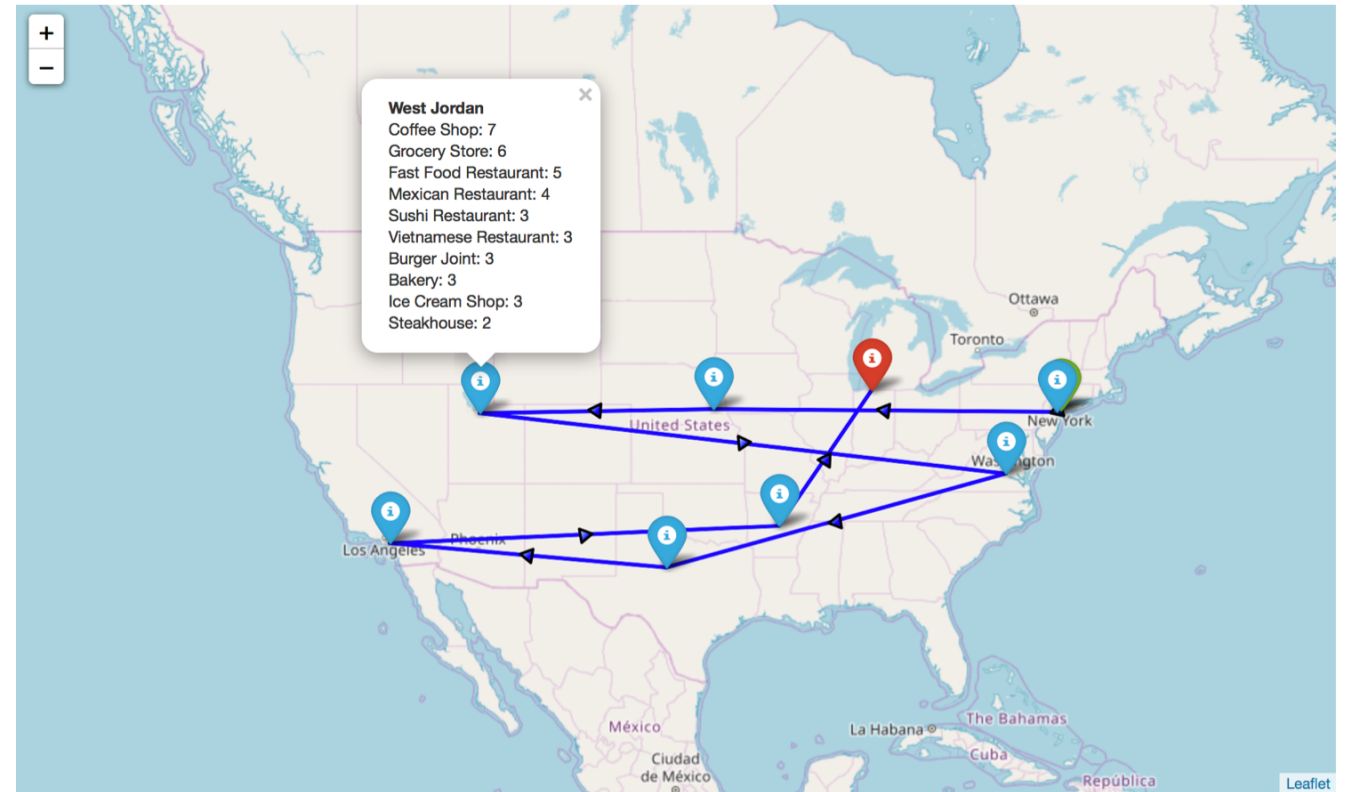
Challenge

- Offer a trip to n most different cities.

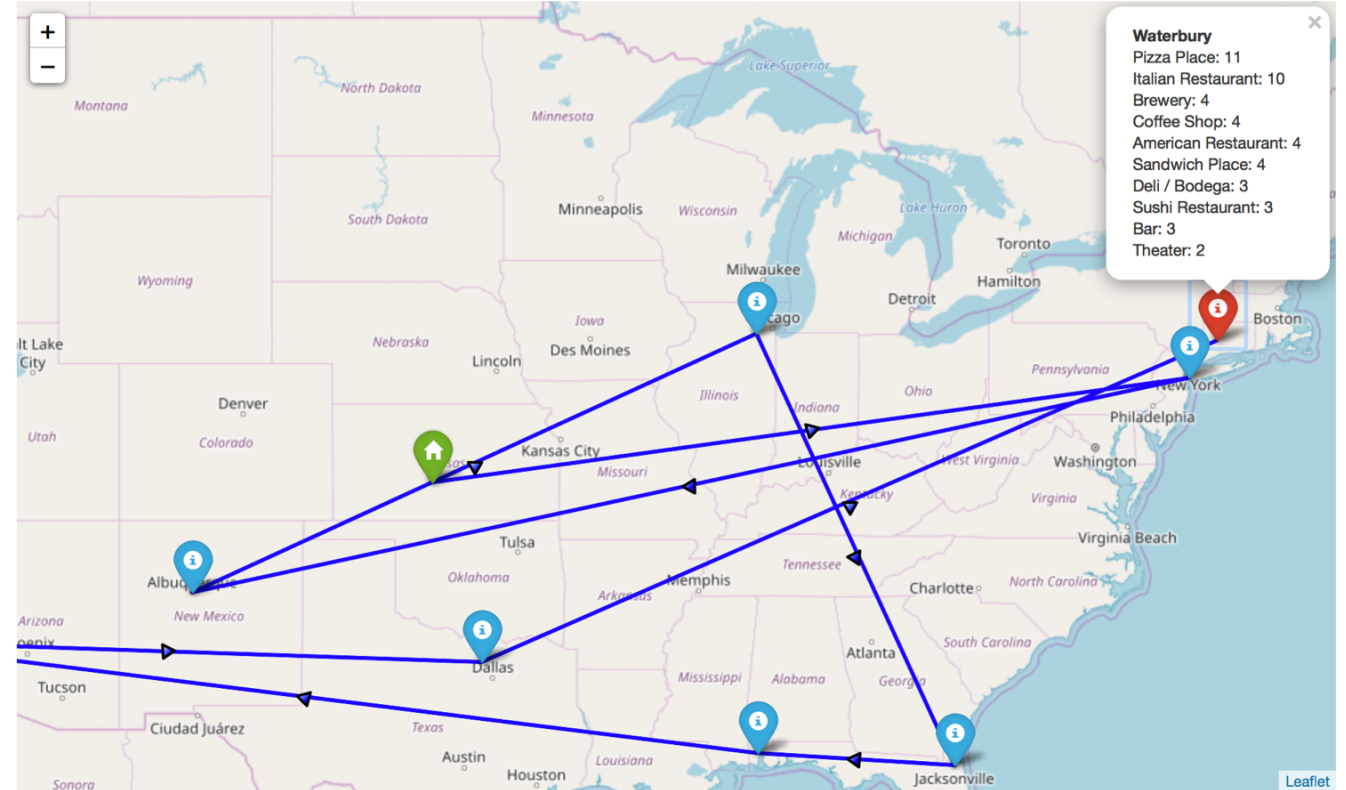
Solution

- Cluster cities over 100 000 citizens in USA into n clusters.
- Pick one city from one cluster and combine them to come up with a trip offer.

Example I



Example II



Conclusions

- Clustering algorithm can be used to look for differences between objects as well as similarities.
- We can provide additional analysis taking under consideration distance between cities, possible ways to travel, people's rating to optimize costs and keep high customers satisfaction.