

Finding Sister cities

Finding Sister/Twin cities based on preferred user criteria

Opportunity

Ability to find similar cities to example one lets you:

- ▶ Increase your chance in success when choosing your new location
- ▶ Control and Mitigate the risk involved in choosing new location

The Goal of project

- ▶ Find Sister/Twin cities to your home city, based on set of preferred features

Data

- ▶ Foursquare for city venues/attractions
- ▶ <http://worldpopulationreview.com> for City population data
- ▶ Geocoding web service for location information

Processes

- ▶ Data was cleaned
- ▶ Cross-referenced to ensure quality
- ▶ Filtered based on feature set
- ▶ Cities were divided to clusters

Conclusion

- ▶ Clustering can be used to find sister cities based on feature set
- ▶ Customer preference weight matrix can be used to get user preferred result
- ▶ It is it is crucial to have comprehensive data set to ensure good result