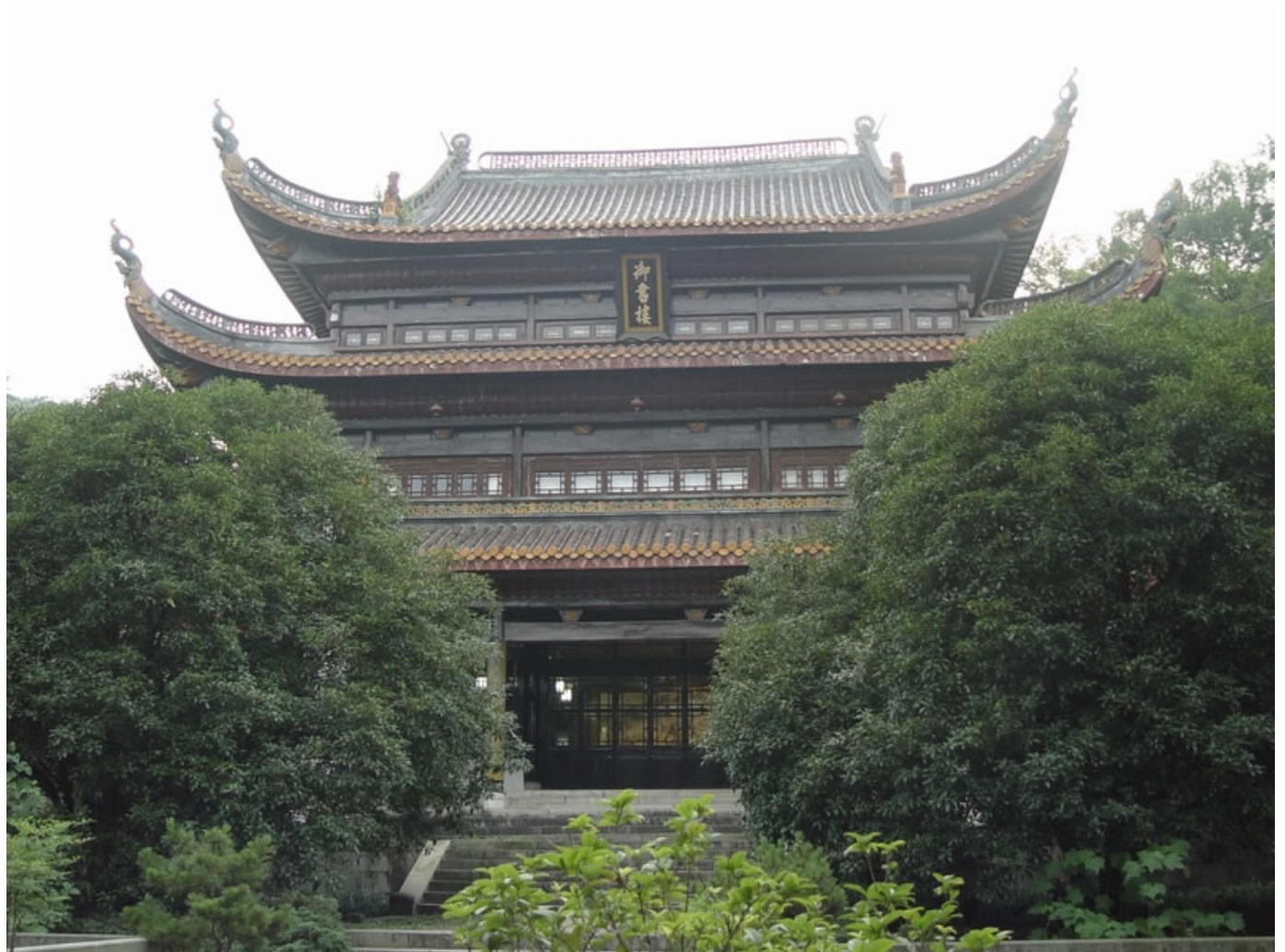


Top Universities' Neighborhood Battle

Arina Voorhaar



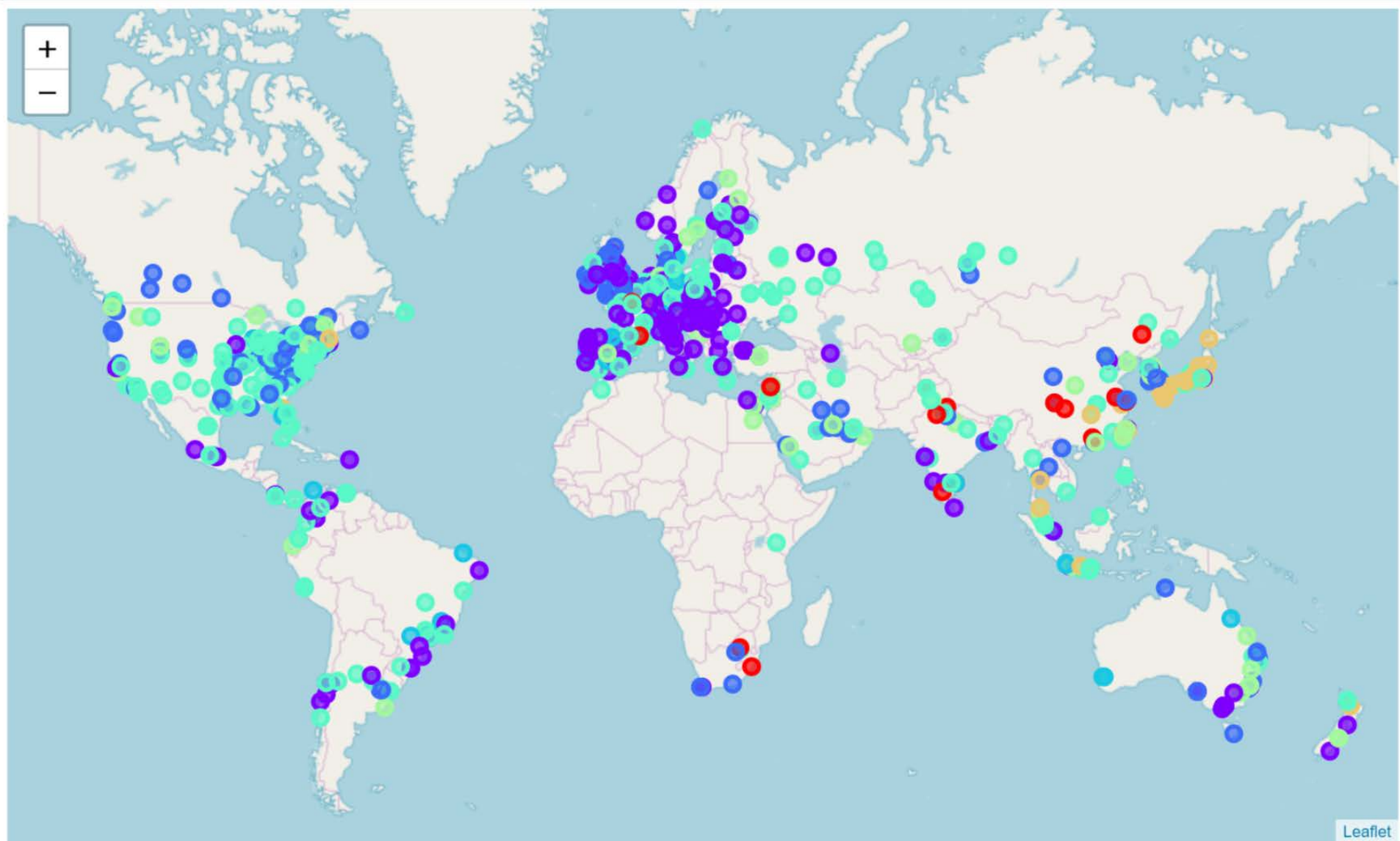
[Photo](#) by Lectern / Public domain



Data acquisition

- Top 1000 World Universities QS ranking 2019 (<https://www.topuniversities.com>)
- Google API Geocoder used to retrieve the geographical data (Latitude&Longitude)
- Foursquare used to retrieve the most common places in the neighborhood of each of universities
- 631 unique types of common places found near Universities

KMeans Clustering of the Top 1000 Universities





Conclusion and future directions

- We built a nice model which allows to find similar universities all over the world => choosing a university becomes a bit easier in case the student prefers some certain region of the world
- Still a lot of room for improvement: better choice of the data might end up with more informative clustering
- Still would be great to find some factors that would correlate more directly with the ranking of the University and its reputation