

Data description

For the development of this project, the following data are required:

1. **Basic geolocation data for Cyprus**

Source: <https://www.cypruspost.post/uploads/postal-codes/dd934fd71a.xlsx>

The file has the Greek and English translations of Area/Municipalities, Districts and Postcodes.

2. **Specific geolocation (Postcodes, Longitude, Latitude)**

Source:

<https://developers.google.com/maps/documentation/javascript/examples/geocoding-reverse>

This data will be generated using the reverse geocoding algorithm of the Google API. Specifically, Postcodes will be set as an input parameter and Longitude with Latitude will be the return parameter. Afterwards the two datasets will be merged.

3. **Statistical data regarding customer preferences and spending (if available)**

Source:

https://www.mof.gov.cy/mof/cystat/statistics.nsf/publications_en/publications_en?OpenForm&OpenView&RestrictToCategory=14&SrcTp=1&Category=0&Subject=1&SubSubject=4&subsubtext=4&

4. **Data regarding venues location and preference**

Source:

<https://developer.foursquare.com/>

Using the Foursquare places API, generate a list of places in each area of Cyprus