**1. Open a Kindergarten in Tirana Albania**

**A picture containing tree, grass, bench, outdoor

Description automatically generated**

Identify best neighborhoods in order to open a kindergarten in Tirana Albania. Considering beautiful Tirana weather with almost 300 days of sun during the year, so the team can bring kids outside to play. They do love to practice the connection of the kids with nature and they believe that playing outside helps the kids develop.

The client wants to know more of each zone, it’s infrastructure, nearby venues and most importantly: green parks and playgrounds.

The project aims to provide to the stakeholder with the necessary information

-a list of city zones with postal codes, geographical coordinates and nearby Venues

-for each zone the list of most frequent Venues in order for the client to understand the Infrastructure

-a map of Tirana neighborhoods and all the park

- a map of possible areas of interest, the ones with the, most infrastructure, parks and playgrounds.

**2. Identify the Data and how it will be used**

-The data that will be used is the list of the Tirana zip areas with postal codes gained from Tirana Post Office official site

-the list of geographical coordinates for each postal code

-List of Venues gathered from Foursquare Api

*\*(see the files with data within this week4 git-hub folder)*

Having the data of Tirana postal codes with the geographical coordinates for each postal code I will generate first a map of Tirana with markers on each zone. Next step is to download the list of venues as a json file from Foursquare Api, more concrete the playgrounds and green parks located in Tirana City. Based on this data the playgrounds and green parks will be mapped to the neighborhoods they belong a list with top 5 neighborhoods with more parks and playgrounds will be generated, so the stakeholder, will be able to understand better where to look for opening a kindergarten.