

Finding my new Neighborhood

INTRODUCTION

Problem: People usually have to move due to new job opportunities. Sometimes it gets in a neighborhood that is far away from their current place. So, they need to find a neighborhood that is closer to the new job, but still have services similar to the ones they have nearby.

Solution: The algorithm will suggest the best neighborhood, based in the current neighborhood and the new job location.

DATA REQUIREMENTS

Wikipedia: As an example, I'll use the wikipedia page from my city neighborhoods (Curitiba, Brazil). https://pt.wikipedia.org/wiki/Lista_de_bairros_de_Curitiba

Google Geocoding API: based in neighborhood name, I'll get the coordinates using the API.

Foursquare API: Foursquare API will be used to get venues from each neighborhoods.