Research for a new bakery shop

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Aris Kolomvatsos

1. Introduction

A bakery owner wants to expand his business and is looking for the best area to start his new shop in the center of Athens, Greece. The criteria that are asked to be followed is to research the following neighborhoods: Koukaki, Makrygianni, Nea Smyrni, Neos Kosmos & Pangrati. The objective of this project is to analyze and select the best location for the new shop which is going to be a reselling point of his main bakery shop.

Upon selecting the area with the least amount of bakery shops, the bakery owner asked for researching the best possible spots in the selected area. Specifically, he asked that his shop should be close to public transfer and tourist sightings.

A.2. Data Description

The areas to explore are specific and given by the bakery owner. I will create a list of the neighborhoods and fetch their coordinates (latitude and longitude) using OpenStreetMap data.

I used Foursquare API to locate all the bakery shops of the given neighborhoods, applying the Foursquare Id for the category: Bakery.
I have located all the bakeries of each neighborhood and superimposed on a map to visualize the locations of the shop including the total number.

I also used Foursquare API to locate Museums, Bus stops, and Metro Stations in the selected area and superimposed on a map to visualize their locations.