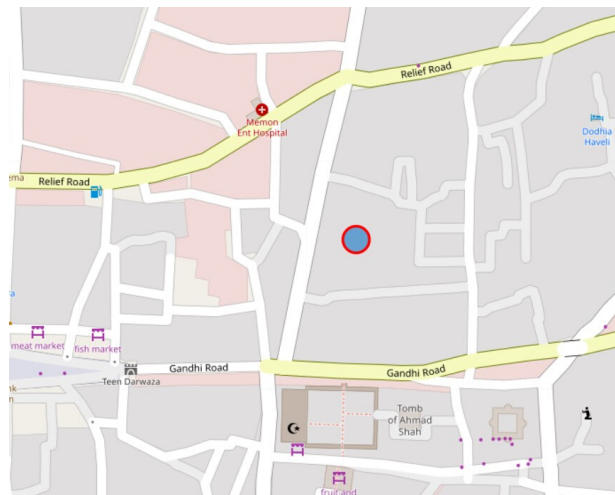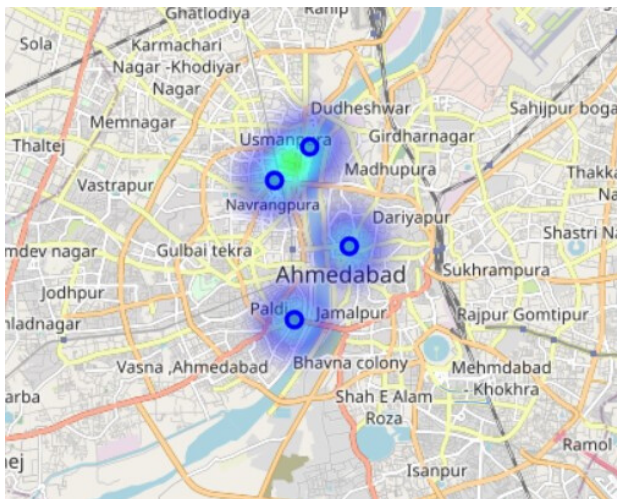# CAPSTONE PROJECT

A NEW CAFE IN AHMEDABAD

In a city of Ahmedabad, if someone is looking to open a café restaurant, the question is, where would you recommend that they open it? The background of the problem is that in order for a café to be profitable, there must be enough customers, and in order to have enough customers, it is not worth setting up a café in the immediate promixity of existing ones.

The data used to solve this problem is geolocation data collected from FourSquare.Data is a single dataframe, containing at least a location of the café. Explanation of the location data is a standard tuple (lat, lng), where lat stands for latitude and lng for longitude. Some other metadata like name, postal code and so on is also collected

Based on the preliminary results, one possible good location for the new café would be near Gandhi Road.