**Introduction/Business Problem**

Assume I own a consulting firm that provides location services for clients. During the Pandemic, a lot of restaurants were shut down, and some of them even had to close permanently. As business shutdown order is lifted, new restaurants are emerging to meet people’s demand for food in big cities. Now one of my clients is going to open an Italian restaurant in Boston, and he wants us to help him find the best location of three candidate locations.

Criteria of the best location are:

1. There are no more than two Italian Restaurants within 500 meters.
2. There is at least one big park within 500 meters.
3. There is at least one big mall within 500 meters.

**Data**

1. Assume three candidate locations in Boston in latitude/longitude
2. Park and restaurant data will be obtained from Foursquare that provides venues near the three candidate locations.
3. Shopping center data will be obtained by scraping this webpage <https://www.bostoncentral.com/shopping.php>.