Delhi Regional Neighborhoods

# Introduction

There a primarily 4 regions of Delhi, India, namely east, west, north and south. These locations are more than just geographical in nature, these locations have a lot of significance to the people who live in it. Whether it be the type of restaurants or the rent they must pay, each region regards themselves as a unique corner of Delhi.

# Problem Statement

When one finds themselves in the precarious situation of moving, they want to move within their region, but some external factors may cause the move to be to a different region all together. This may be a very stressful task and people like to stay in their comfort zones. The problem I wish to solve is finding neighborhoods like the one you currently reside in regions other than yours.

# Data

A list of neighborhoods in Delhi along with their geographical locations needs to be collected. Along with this information regarding the venues near a neighborhood.

The data for the neighborhoods in Delhi was scrapped from Wikipedia, <https://en.wikipedia.org/wiki/Category:Neighbourhoods_in_Delhi>.

After that, using the Foursquare API data for the venues near these neighborhoods was collected (top 10 venues in a radius of 500 meters).

The top 10 types of Restaurants (Indian, South India, Asian, Thai, Fast Food etc.) across all the neighborhoods were selected.