Similarity of neighbourhoods in Bangalore

# Introduction

This analysis has been done by exploring various venues like café shop, food court, hospitals, bus depot, and other public outlets, in city of Bangalore, India, to understand their areas of interest.

The vast dataset generated using FourSquare API has been clustered into various categories to simplify the study and then plot on a map to have a clear insight on the analysis.

This report summarizes the similarity of neighbourhood calculated on basis of venue within food category but approach can be extended for any available venue category.

# Data acquisition and cleaning

The dataset collected on the various areas of city have been further bucketed according to the postal code along with its latitude and longitude values to enable a connection with data collected from FourSquare API using latitude and longitude.

The study is limited to “food” category from the intersected dataset.