Exploring and Comparing venues in Downtown and Back bay of Boston

# 1. Introduction

Boston is the capital and most populous city of Massachusetts in the United States. Boston has a total area of 49 square miles. The most popular places in Boston are Back Bay and Downtown. There are many venues (especially restaurants, hotels and cafes) which can be explored. Let's explore the venues in Back Bay and Downtown in Boston. We will also compare these two popular places and make recommendations for tourists, residents and businessmen as to where to go and where to open a business.

# 2. Data

Kaggle is a free website to find various data. I have got the information of neighborhood and coordination data in Boston from Kaggle. From the Boston Neighborhood dataset, we can clip the neighborhood information for Downtown and Back Bay.

The Foursquare API has the explore API which allows us to find venue recommendations within a given radius from the given coordinates. We will use this API to find all the venues we need in Downtown and Back Bay. With the number of each venue counted, we can provide recommendations to tourists, residents and businessmen.