

## Introduction

Moving to a new state is always a big hustle. One needs to understand the safety of towns or cities in the state, overall amenities or venues, entertainment, children development activities and so on. One of the major task for families with children is to understand the landscape of public schools. Families strive to compare cities to choose the best schools. However, the quality of life should not suffer because of a choice of schools.

In this Project, we will compare the quality of life in the cities of Massachusetts, USA that have the best public schools in terms of SAT scores for all students . To do that we will compare the venues in the schools' zip codes.

## Data

The data for this project will come from several sources. The data on SAT scores and school districts will come for the Department of Education and can be downloaded from <http://profiles.doe.mass.edu/>. Specifically, we will use the SAT scores for 2017-18 schools year. The data can be downloaded from <http://profiles.doe.mass.edu/statereport/sat.aspx>. The data on school addresses can be found <http://profiles.doe.mass.edu/search/search.aspx?leftNavId=11238>.

Note : for this project the data files were stored on local drive and are as follows:

SAT Scores	sat_performance.csv
School Locations	SchoolLocSearch.csv

The venue information was obtained using FourSquare API.