

Introduction

In this project we will look at the problem of relocating to London with a family: finding a good school for the kids, and a place to live that is within budget and easy commute into Central London. We will consider proximity to good state schools, commuting distance to Central London by tube and average rent near tube stations. For our final shortlist, we will perform a clustering analysis for London boroughs based on venues in order to group similar ones together and get a better feel for what they are like.

Data

Raw data has been obtained from the following websites:

Top (free) state schools: <https://www.homesandproperty.co.uk/property-news/where-to-buy-a-new-home-near-a-good-london-state-school-a126836.html>

Tube stations: commute time into Central London and average weekly rent
<https://www.totallymoney.com/rent-vs-tube-journey-time/>

Tube stations: locations
https://wiki.openstreetmap.org/wiki/List_of_London_Underground_stations

List of London boroughs with locations
https://en.wikipedia.org/wiki/List_of_London_boroughs

For our clustering analysis of London boroughs, we will use the Foursquare API to obtain data on top venues.