Capstone Project – The Battle of Neighbourhoods

Amalya Varshny Shashi, UK

Exploring the neighbourhoods of London for information on Nursery Schools

Data Source:

- The information on the nursery schools in London can be obtained from https://www.daynurseries.co.uk/
- The spatial data such as latitude and longitude will be obtained using 'geopy.geocoders' Python library.
- The data obtained will be processed in the following ways:
    - ♦ Obtain the geographical coordinates.
    - ♦ Clean the data and create a data frame
    - ♦ Explore and analyse the neighbourhood
    - ♦ Group by neighbourhood
    - ♦ Clustering neighbourhood using K-means clustering
    - ♦ Visualizing the resulting clusters
    - ♦ Making a recommendation