

Best London Boroughs to Live

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Introduction

- Approached by a magazine
 - Quality of Life
 - Similarity between boroughs
 - Most popular venues in each borough
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- Using Python
 - Webscrapping
 - Data Visualization

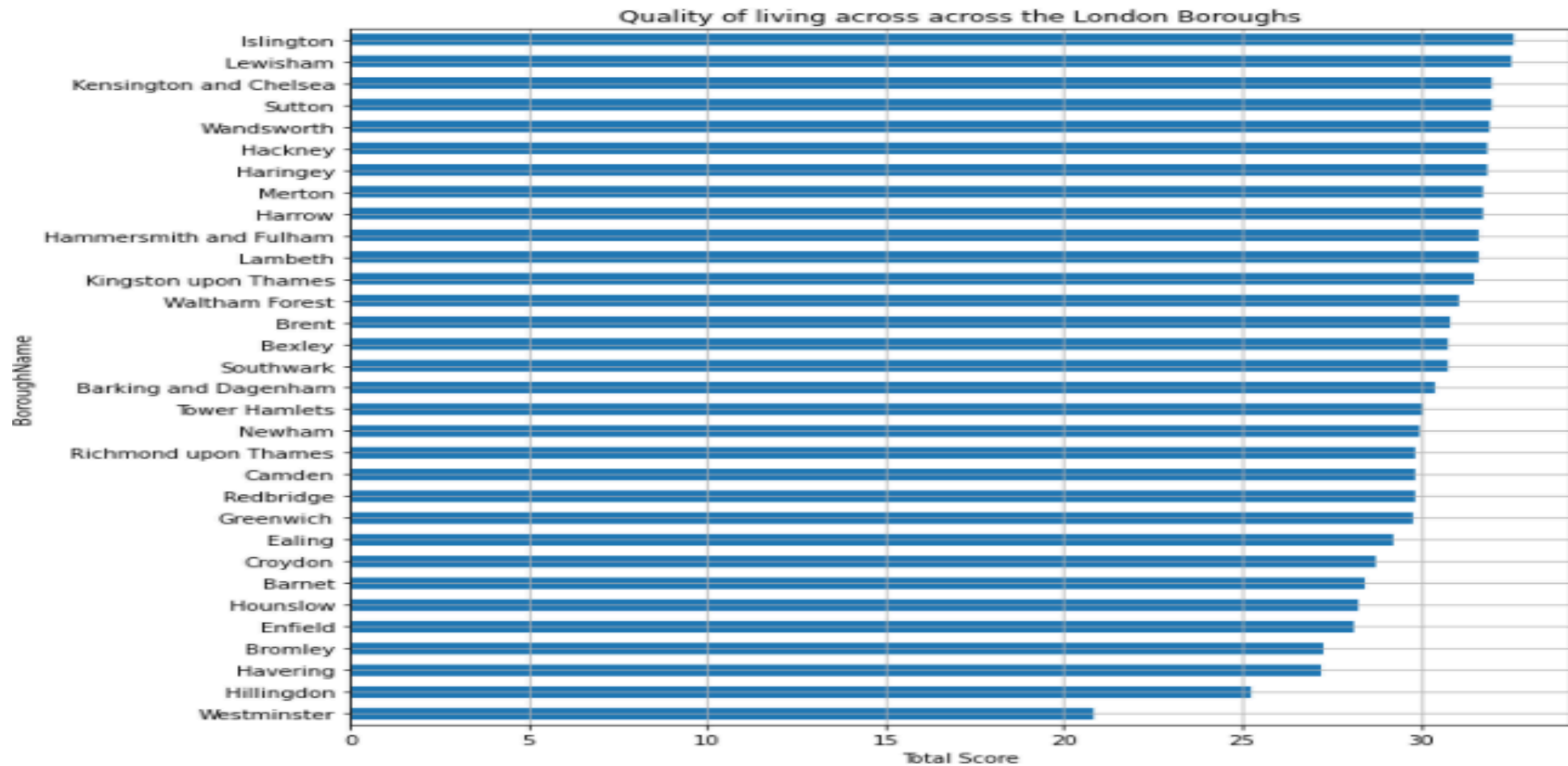
Data Extraction

- Quality of life data using pandas
- Geographical data from Wikipedia using BeautifulSoup
- Data for Venues using Foursquare API

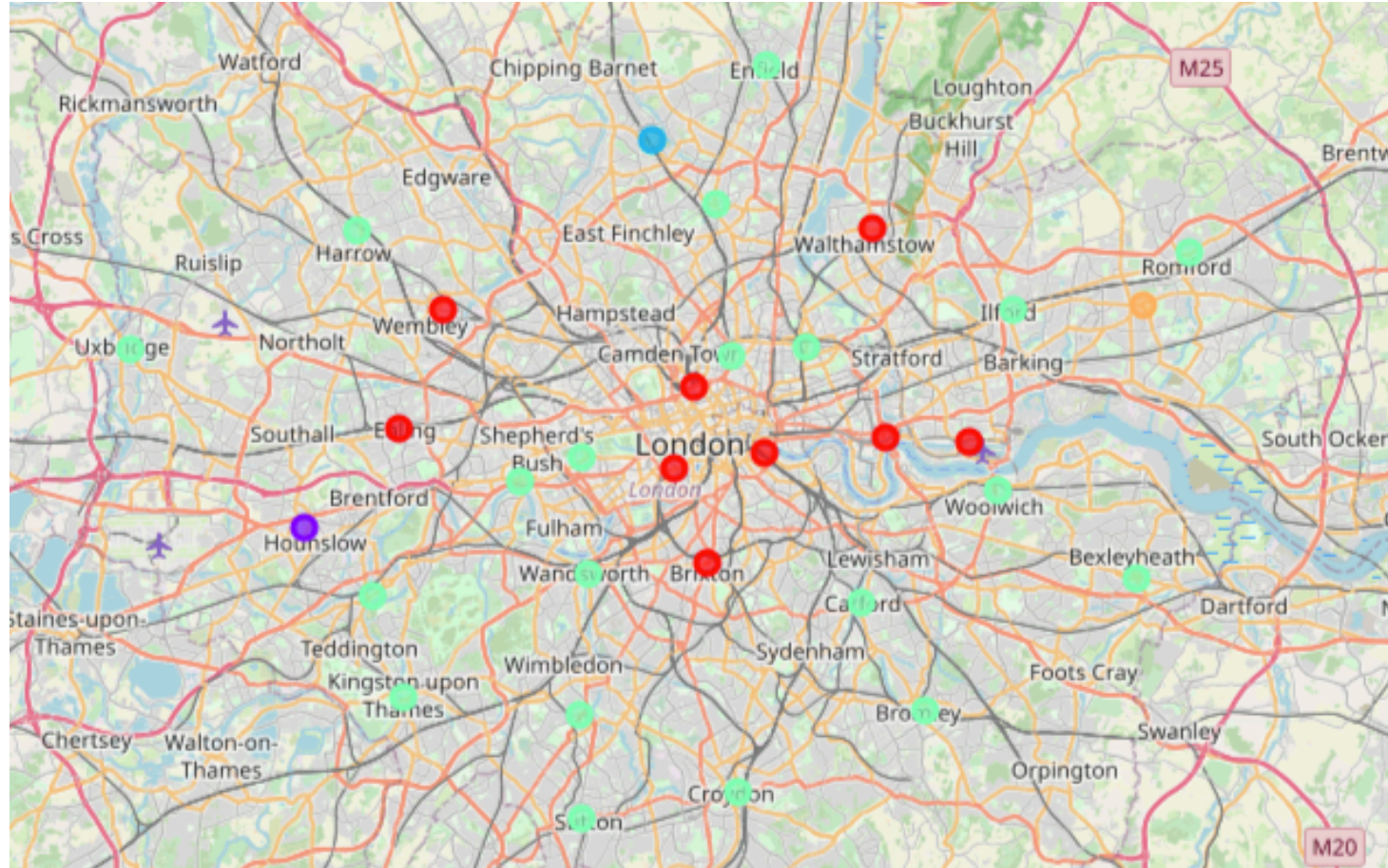
Data Visualization

- Using matplotlib to create horizontal bar graphs.
- Using Folium to create map of London boroughs.
- K-means clustering using sklearn.cluster.

Results Quality of life



Results: similar boroughs



Results: best venues

- Barking and Dagenham for physical activities.
- Bexley for shopping and dinning
- Barnet for entertainment
- Hounslow for dining
- Brent most balanced borough

Any Questions?