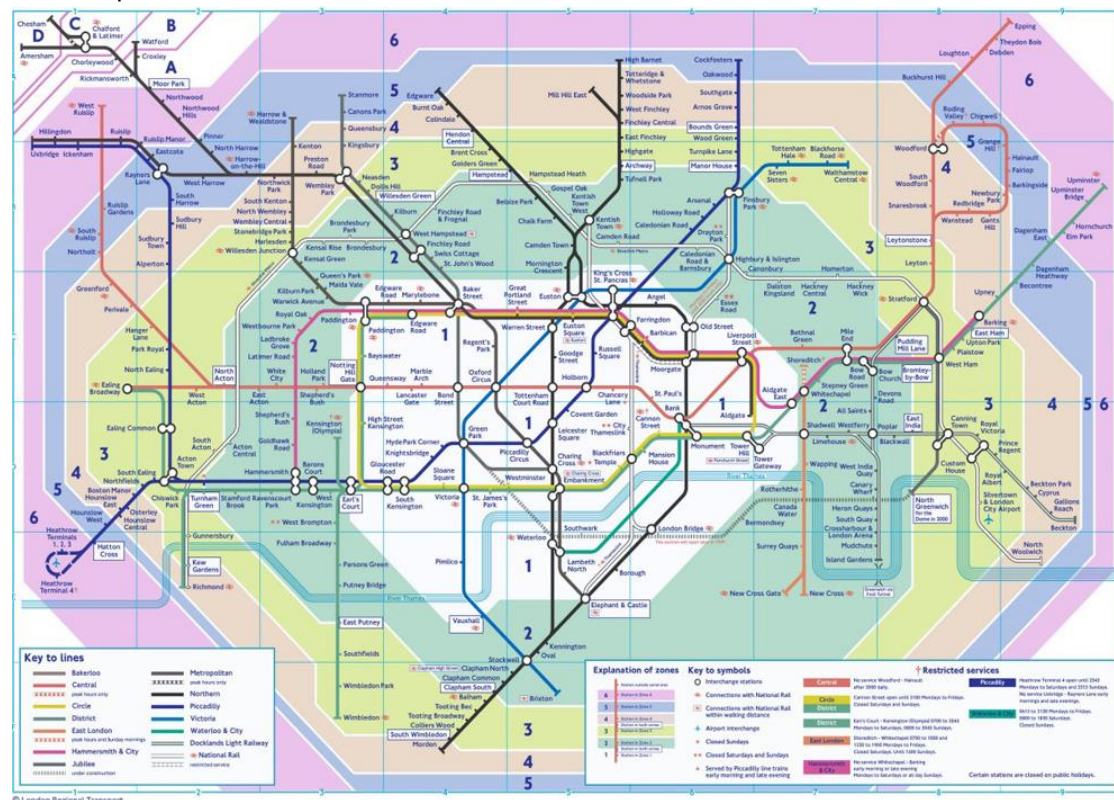


# Comparing Neighbourhoods in London

## Project description:

I recently made a big decision in my life - Moving to one of the biggest cities in the world - LONDON! London has proven to be all I dreamed of and more, but comparing it to the small place I used to call home, there is lots more to learn.

To give you an idea of the overwhelming feeling I had, below you will see an image of the London Tube maps and zones.



The zones work as follows: Central London is Zone 1 (the white area in the image), further out is Zone 2 (green), etc.

The more central you are, the busier London is. Tourists everywhere, many things to do and LOTS of shopping!

In my journey so far, I have discovered 4 areas that I really like:

- Putney
- Chancery Lane
- Mayfair
- Hammersmith

Chancery Lane and Mayfair are in the centre of Zone 1, Hammersmith is more West (zone 2) and Putney is more South West (border zone 3).

The objective of this project is to see if these 4 neighbourhoods are similar to each other and what venues I would be able to find in each of these areas. This is where Foursquare data will be used. I will be finding the 100 closest venues to each of the 4 London locations:

Name	Longitude	Latitude
PUTNEY	-0.21547	51.46456
CHANCERY LANE	-0.11214	51.51802
MAYFAIR	-0.14271	51.50745
HAMMERSMITH	-0.22814	51.49244

I will do a k-means test to see if some of the neighbourhoods are similar to one another.  
The overall objective is just to explore these areas and perhaps decide which one is my favourite!