Identifying gaps in the market for coffee shops in Central London

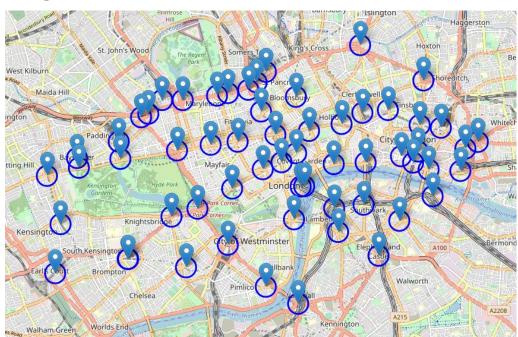
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Introduction

- London Underground (local rail system) has 270 stations
- About 60 stations in central zone (Zone 1)
- Tens of thousands of users use a typical Zone 1 station each day
- There are many coffee shops near most stations
- Where might there be a gap in the market?

Map of London Underground stations in Zone 1

Circles show 200 metre radius around each station



How can we identify demand for coffee shops?

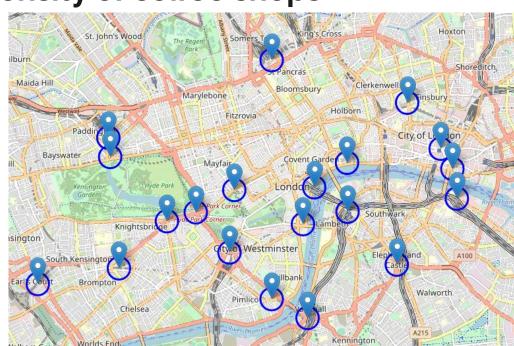
- Number of existing coffee shops
- Station usage figures
- Local knowledge of types of users
 - o Local residents, tourists, commuters, business visitors, etc.

Methodology

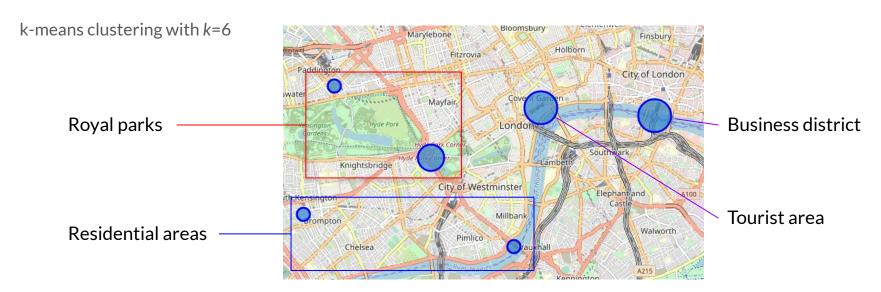
- Obtained Zone 1 station location and usage data
 - Usage data from Wikipedia
 - Location data from OpenStreetMap
- Searched for coffee shops within 200 metres of each station
 - Using Foursquare API
- Identified stations with low density of coffee shops relative to station users (<0.3 per million annual users)
- Geographically clustered these stations

Stations with low density of coffee shops

(<0.3 coffee shops per million annual users)



Clusters of stations with low density of coffee shops



Conclusions

Three clusters of coffee shops with low density of coffee shops identified:

- 1. Around the royal parks availability of premises may be limited
- 2. In mainly residential areas local residents may be less inclined to stop at coffee shops
- 3. In major tourist/business areas lots of visitors likely to be particularly high demand for coffee shops

Recommendation:

Consider looking at Covent Garden (major tourist area) or City of London/London Bridge (major business district) where there will a particularly high number of visitors to the area