

RUNNERS PARADISE

MATHEW JACOB

POPULAR PARKS IN UNITED KINGDOM

1. London
2. Oxford
3. Cambridge
4. Edinburgh
5. Windsor

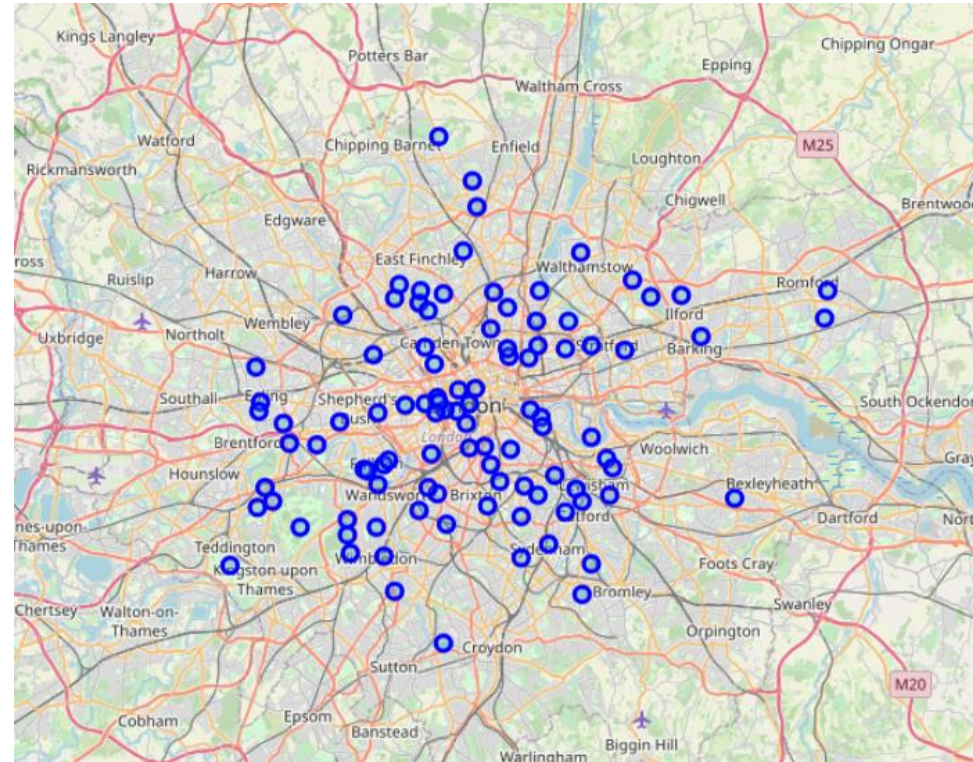
MAPPING USING FOURSQUARE API

Webpage - <https://foursquare.com/>

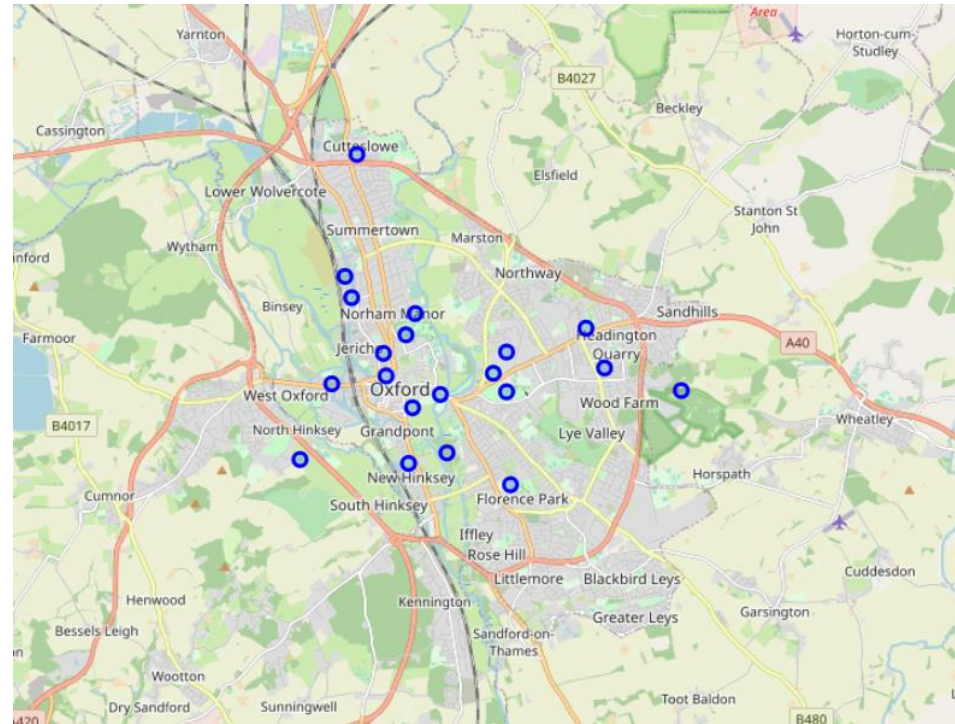
Category - <https://developer.foursquare.com/docs/build-with-foursquare/categories/>

Category id – Park (bf58dd8d48988d163941735)

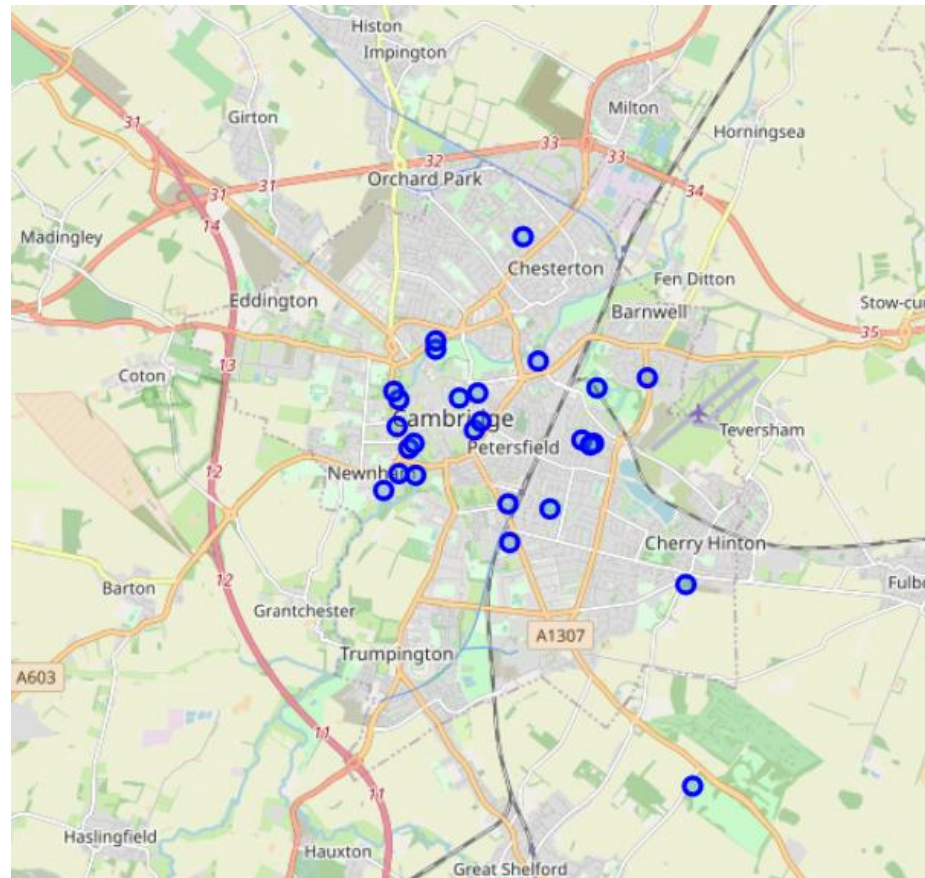
London



Oxford



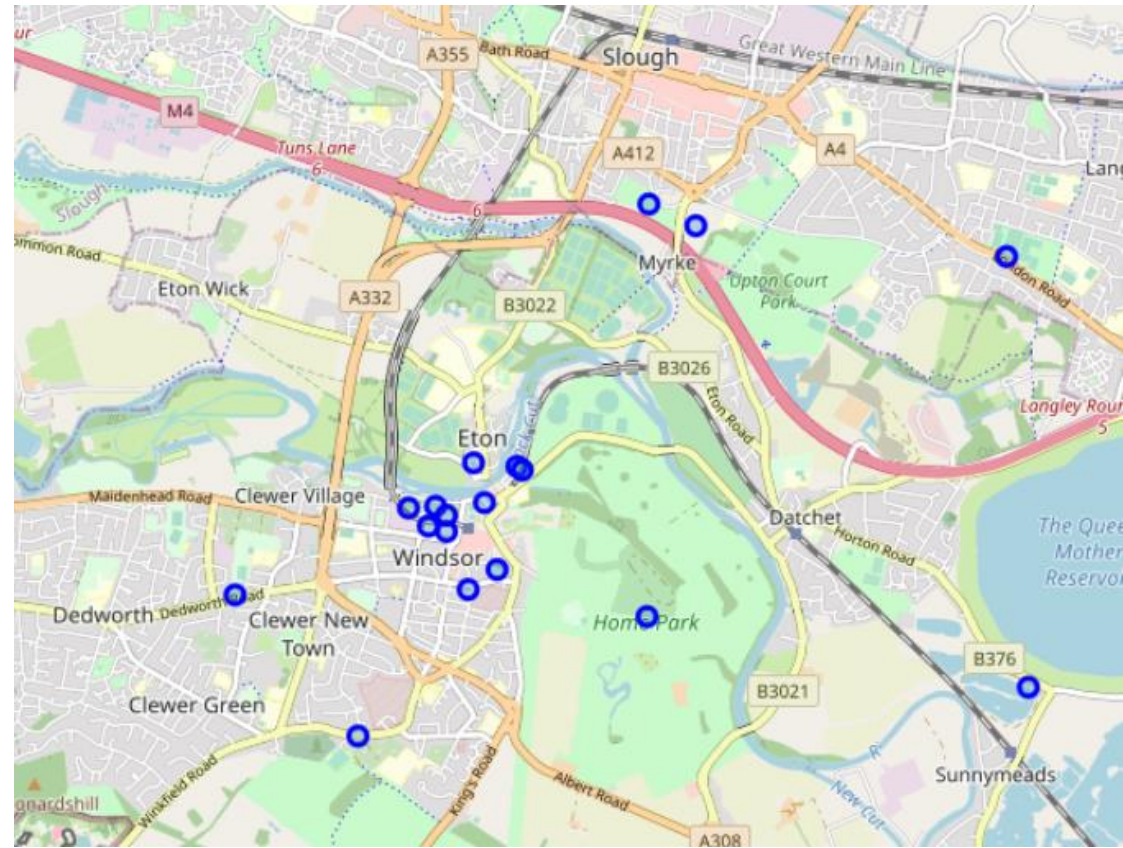
Cambridge



Edinburgh



Windsor



FINDING MEAN DISTANCE FROM THE MEAN OF THE COORDINATES(MDMC)

Calculated the centre of all the Parks (The green circle- See upcoming slides)

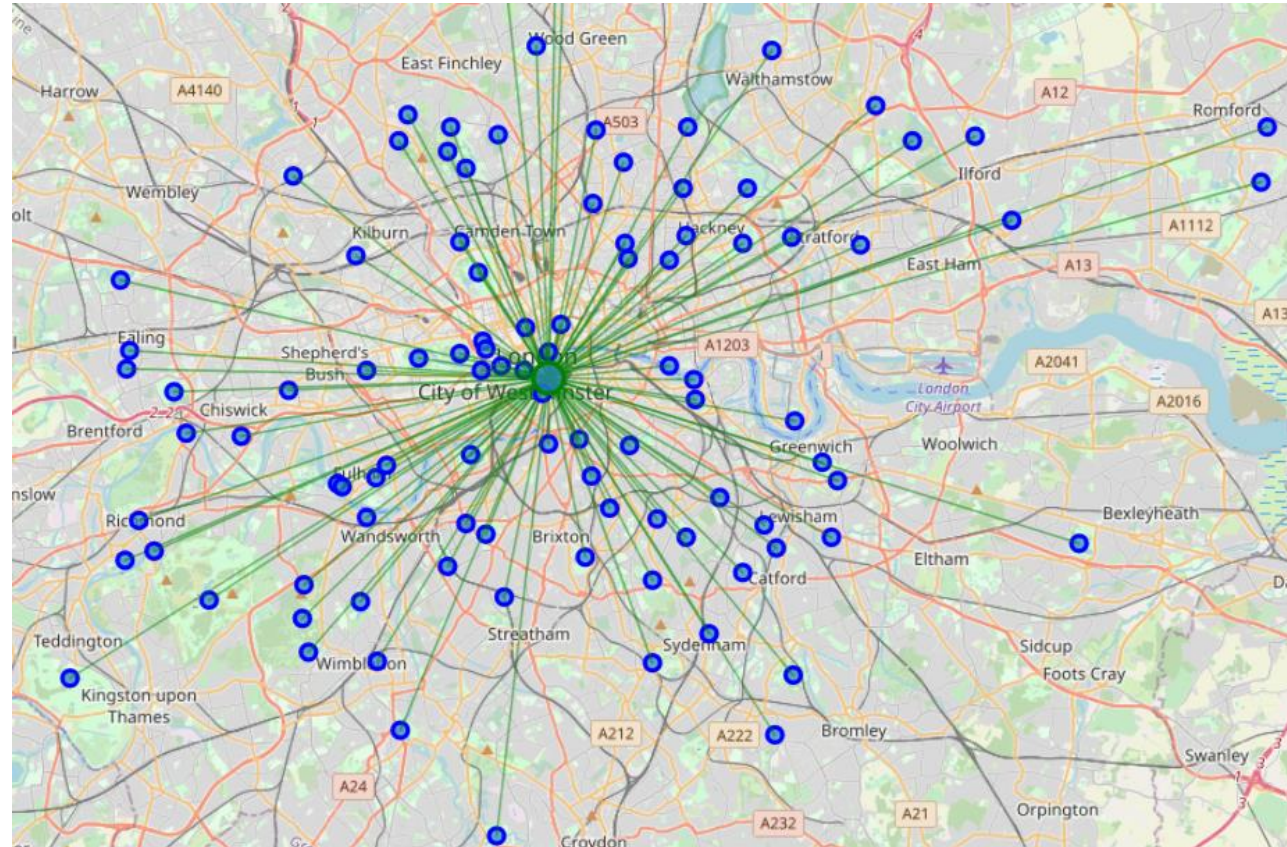
Calculated the distance from Park to the Centre

Rank the Location according to the lowest distance

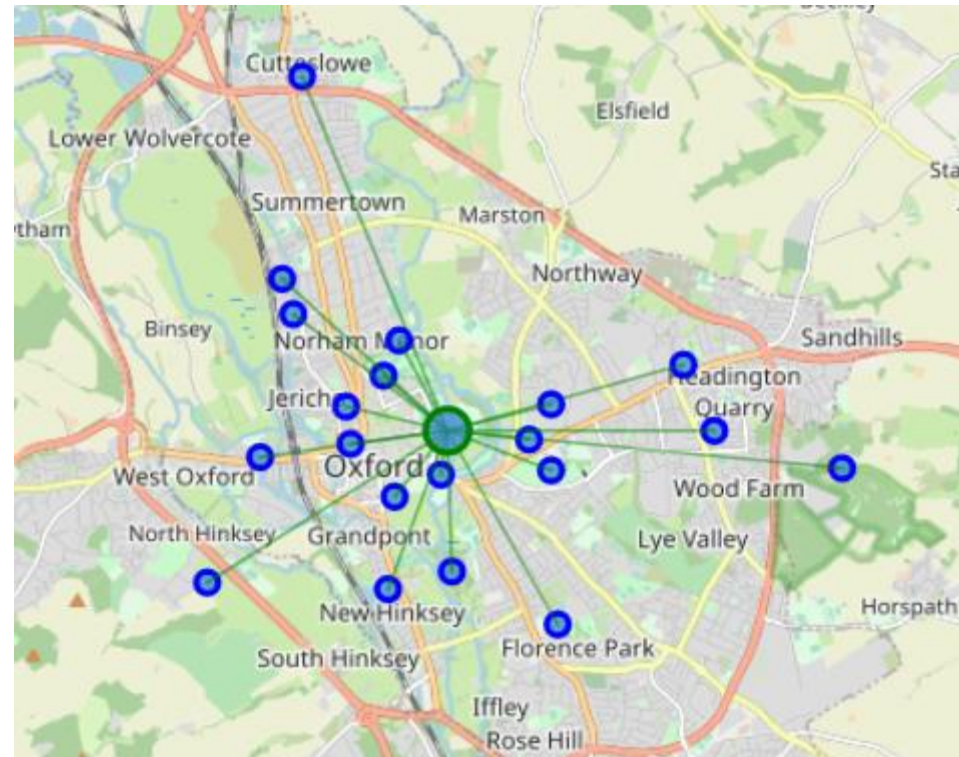
- Oxford ,UK MDMC- - 0.023904481323610886
- Cambridge ,UK MDMC- - 0.026315457669379753
- Edinburgh , MDMC- - 0.03923226547454313
- Windsor ,UK MDMC- - 0.04309900140627803
- London ,UK MDMC- 0.10211696344549116

Oxford has the lowest MDMC hence and it comes first

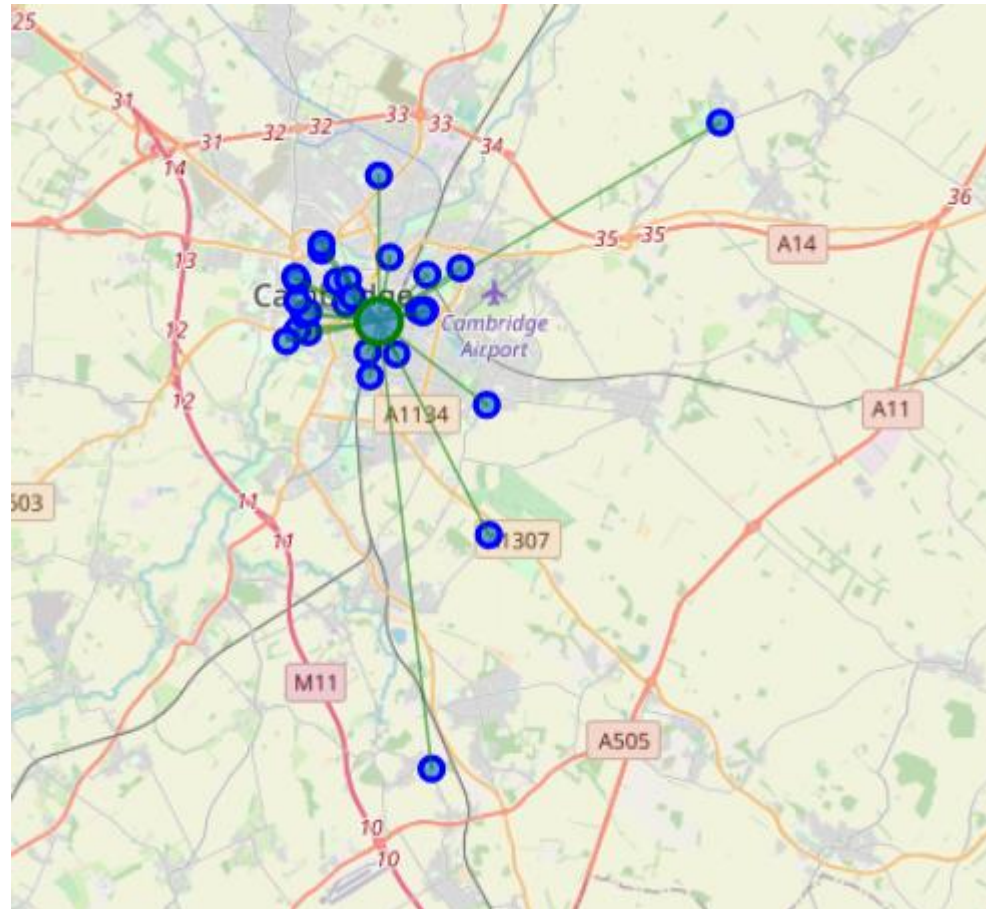
London



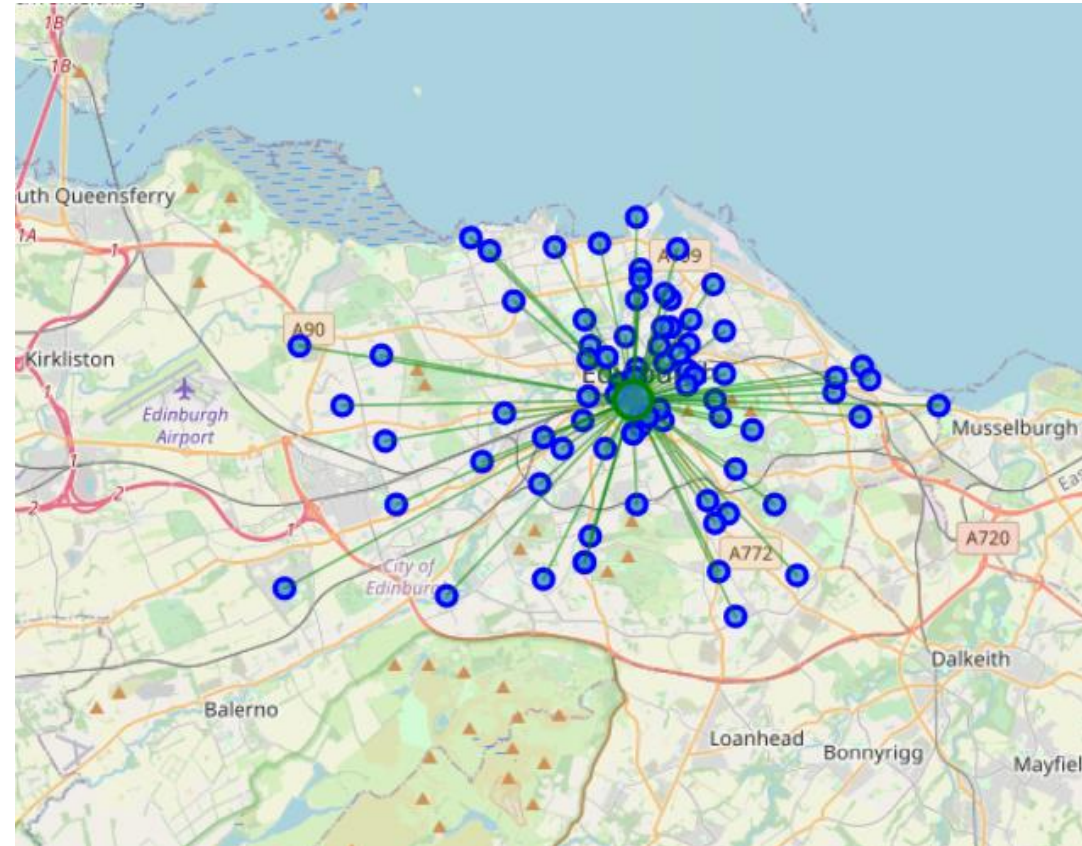
Oxford



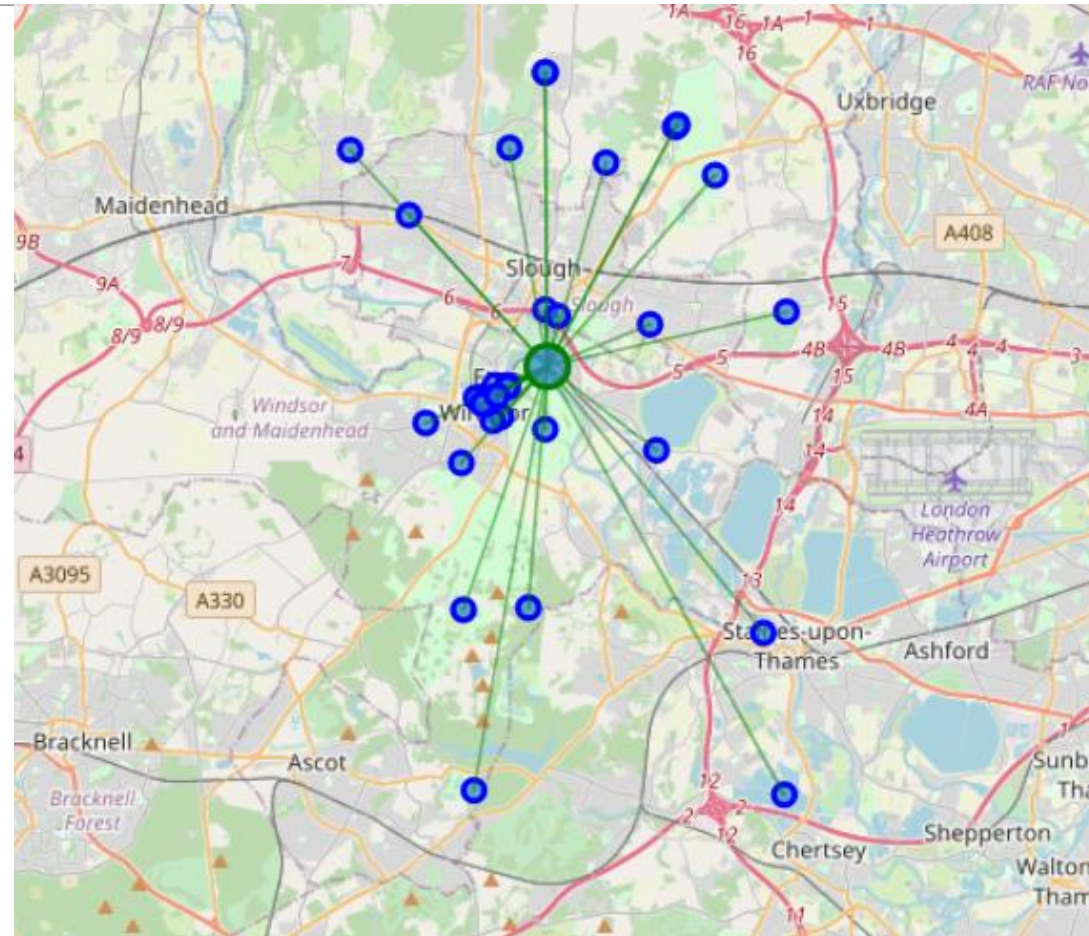
Cambridge



Edinburgh



Windsor



Observation

If an outlier for Cambridge is removed then Cambridge comes first. Hence both Oxford and Cambridge are a good place to run for running enthusiast.

Conclusion

1. Oxford is the best place to run with many running parks
2. Oxford followed by Cambridge.
3. A running enthusiast opt for Oxford, Cambridge, Edinburgh, Windsor and lastly London if he is passionate to run all these park.
4. Also, It is recommended that our runner book a place of stay closer to the mean coordinate.

THANK YOU
