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# Thoughtworks

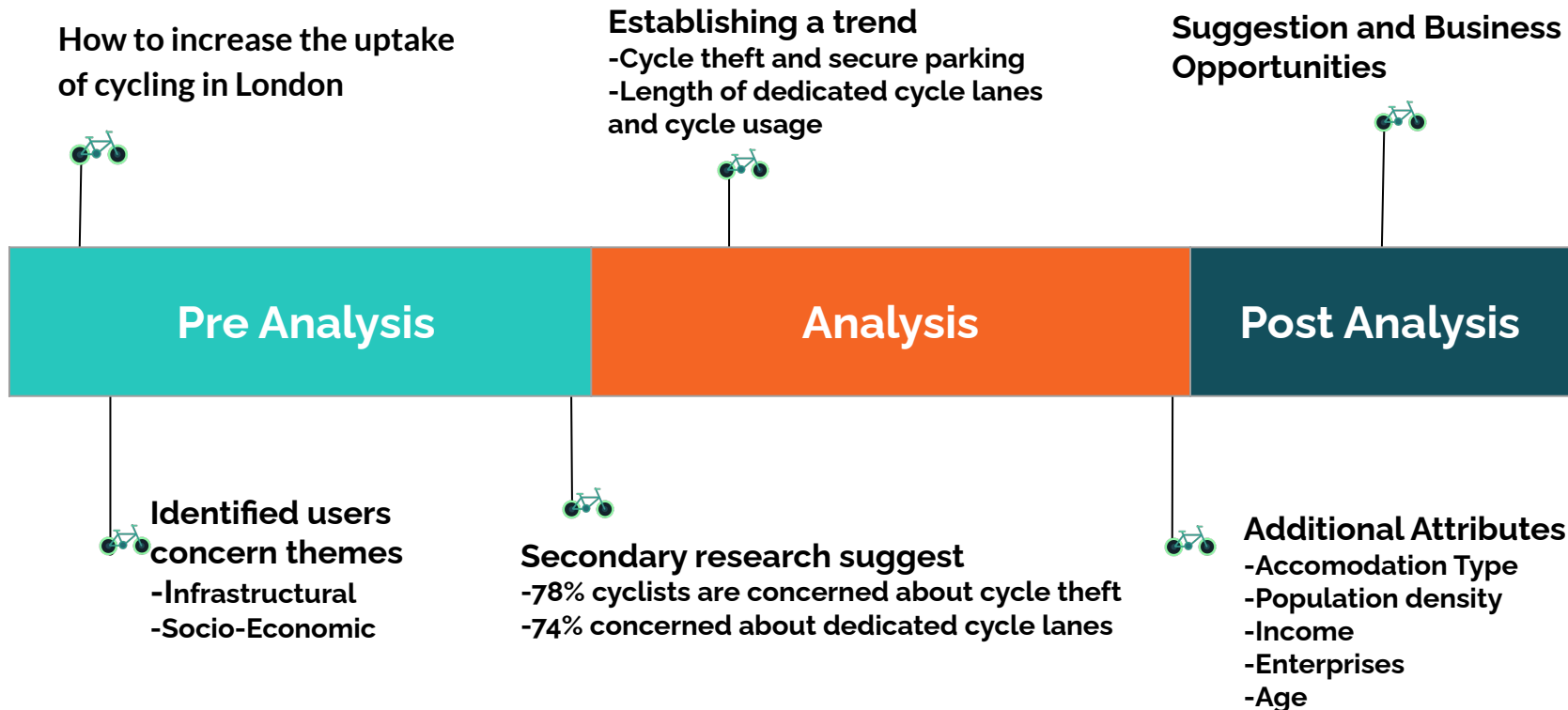
## Increasing Cycling Uptake in London

Team 3 - Burcu, Cynthia & Oliya

August 19, 2022

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# Introduction



# Room for improvement



# Recommendations

An increase of 30% in the length of dedicated cycle lanes will increase the average cycling per week from 2% to 10%

In order to motivate people to invest in cycling, allocation of secure parking facilities need to be done in a systematic way

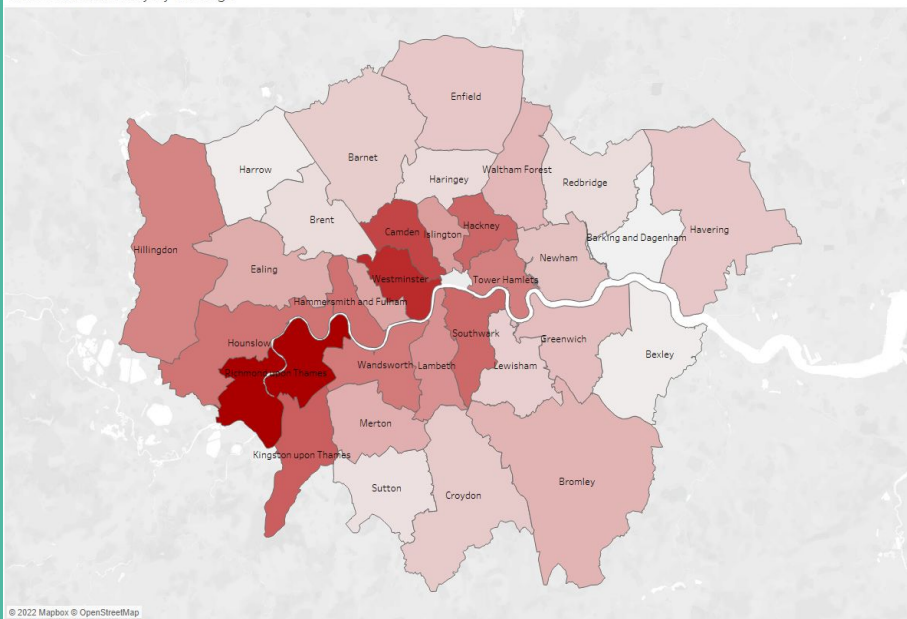
Boroughs with higher flat percentage requires higher parking facilities

High Income boroughs have higher cycle theft

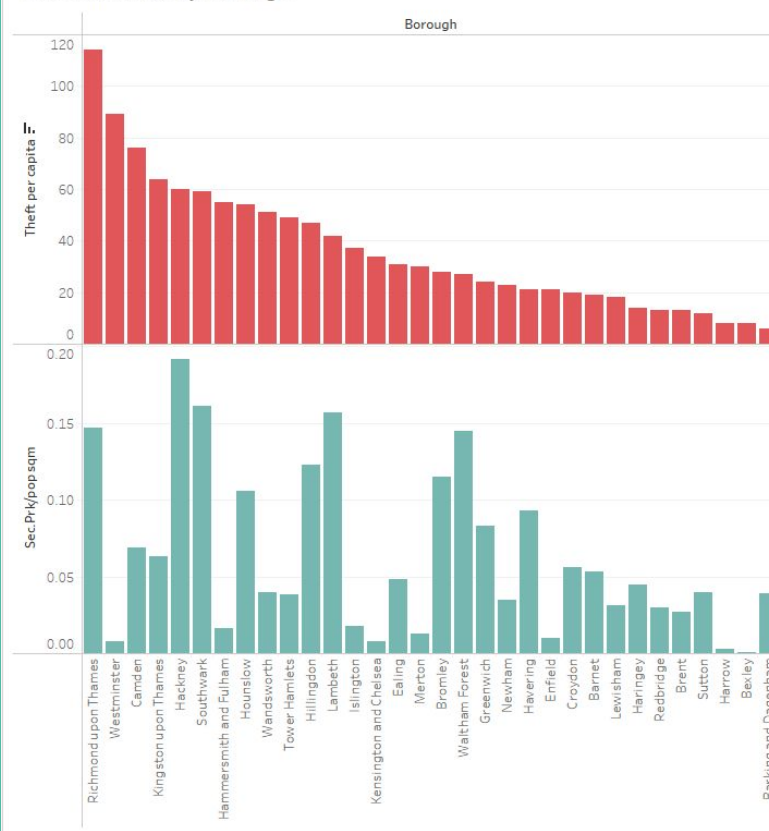
Boroughs with higher number of enterprises require higher secured parking facilities

# State of secure parking today

Bike theft & density by borough

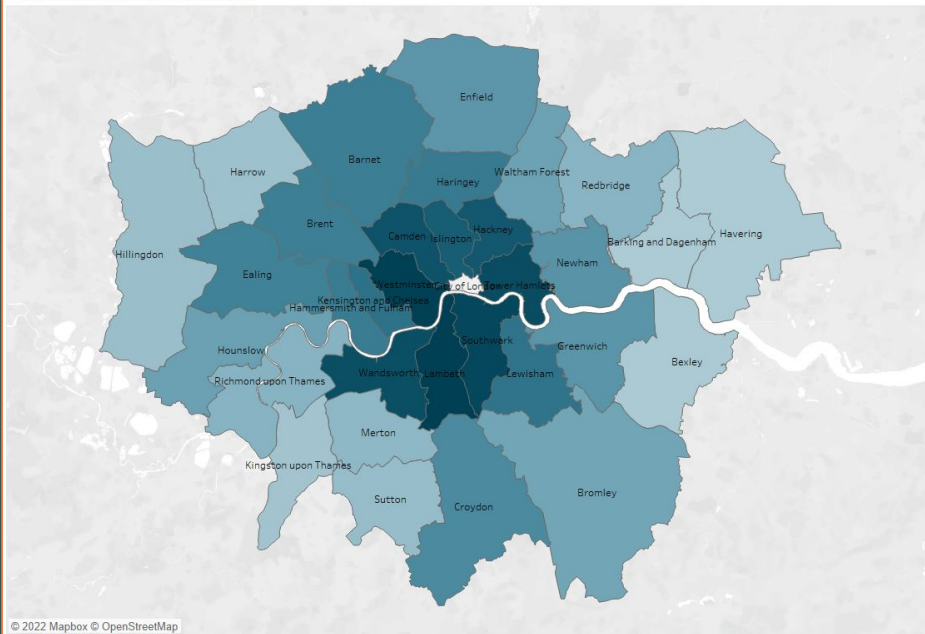


Total bike theft by borough

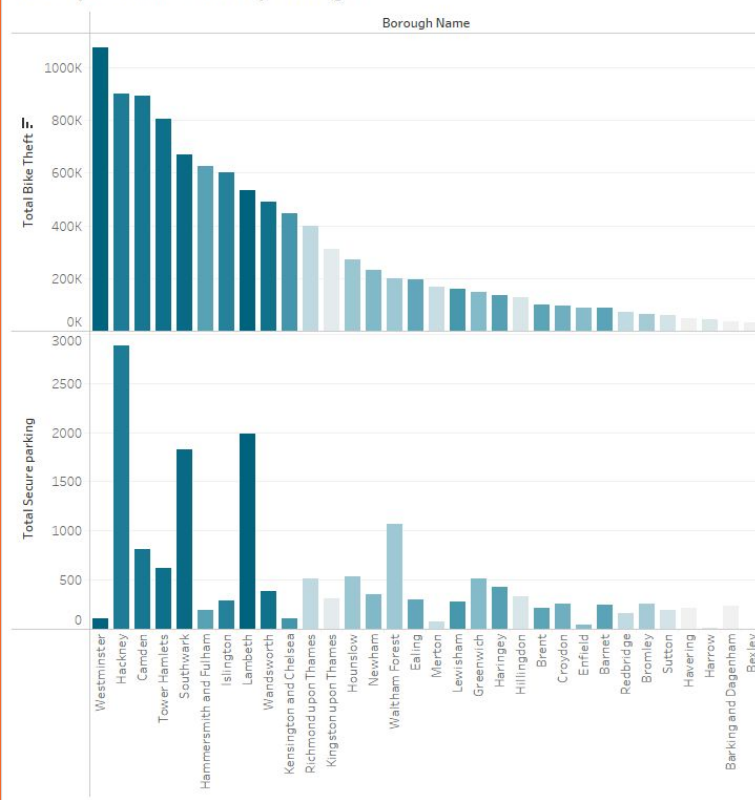


# Total Cycle theft and Accommodation type (flats) by borough

Flats accommodation by borough

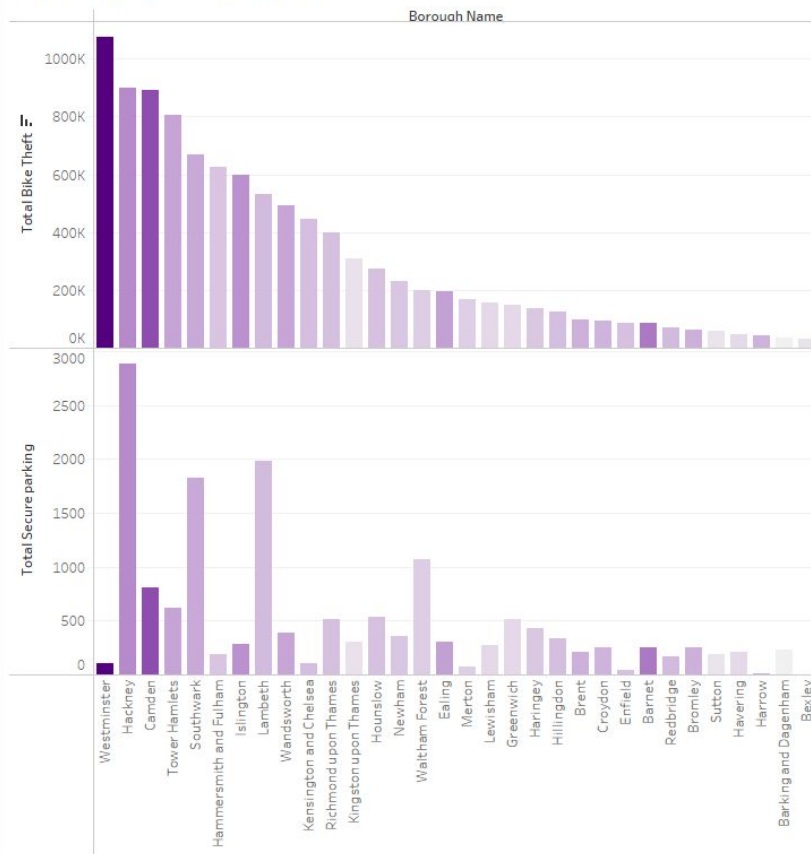


Total cycle theft & flats by borough



Darker colour equals higher number flats

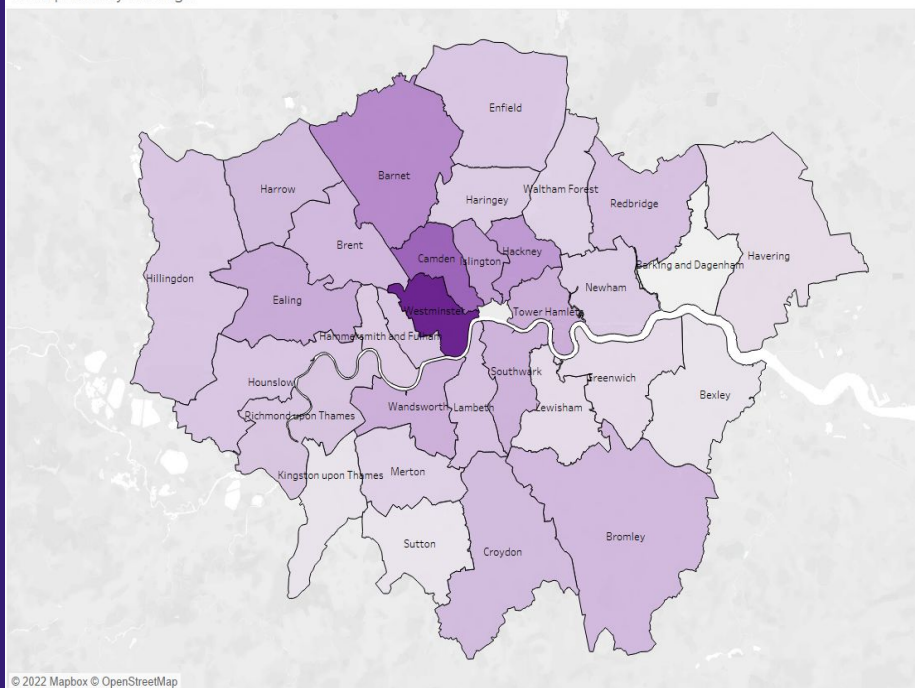
Theft & enterprise by borough



Darker colour equals higher number of enterprises

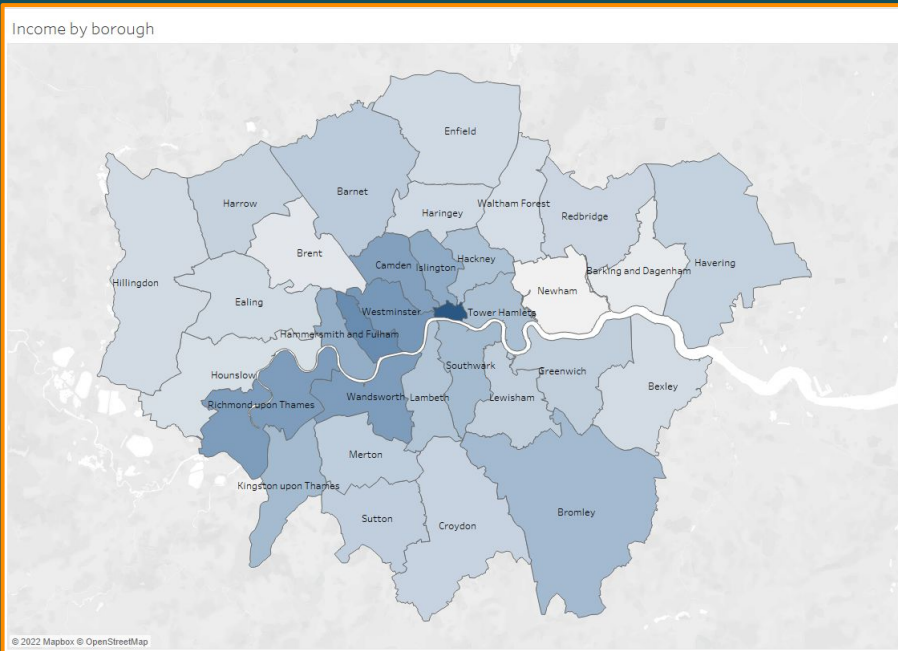
# London boroughs with number of enterprises

Enterprises by borough

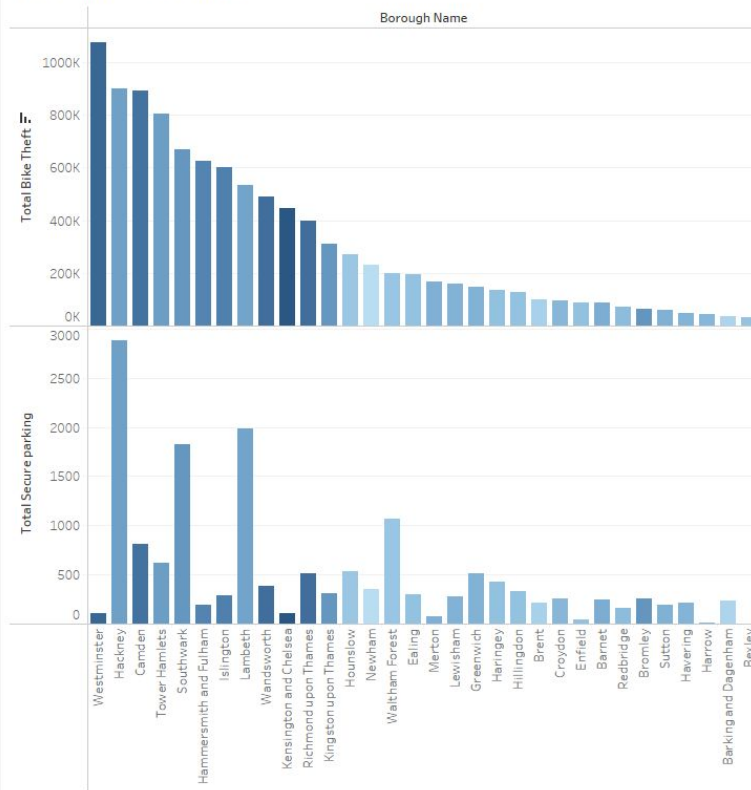


© 2022 Mapbox © OpenStreetMap

# Average income per borough vs theft per borough



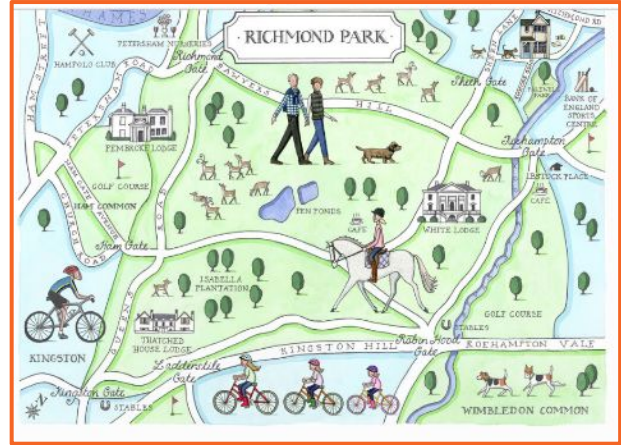
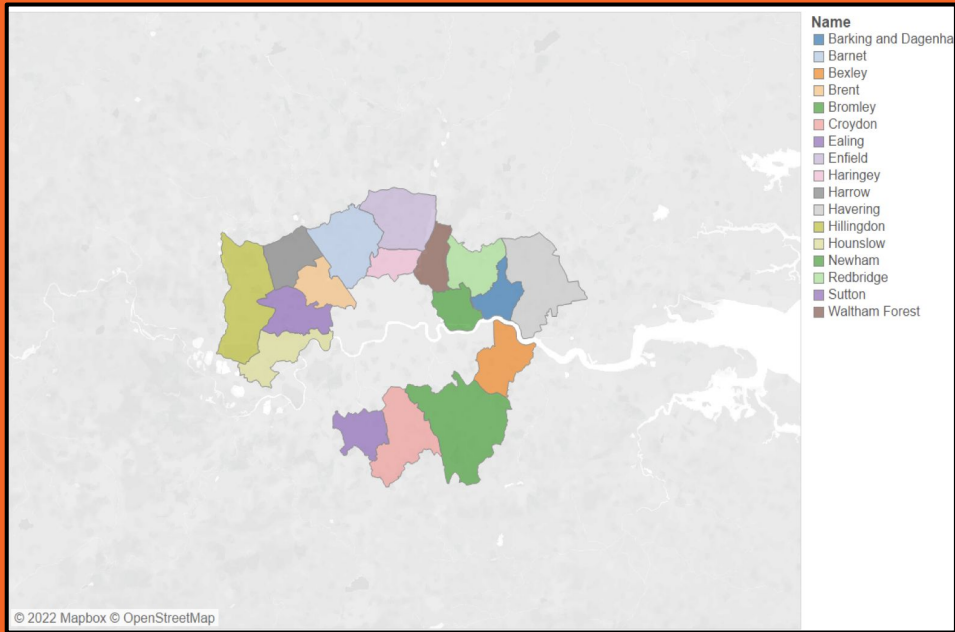
Cycle theft by borough



Darker colour equals higher income

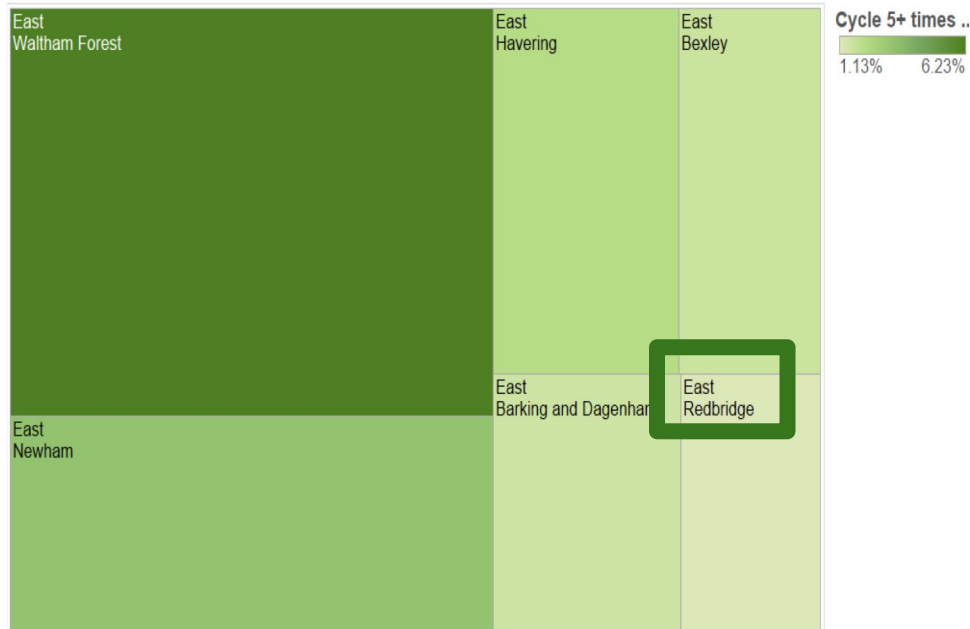


# Dedicated cycle lanes - scope

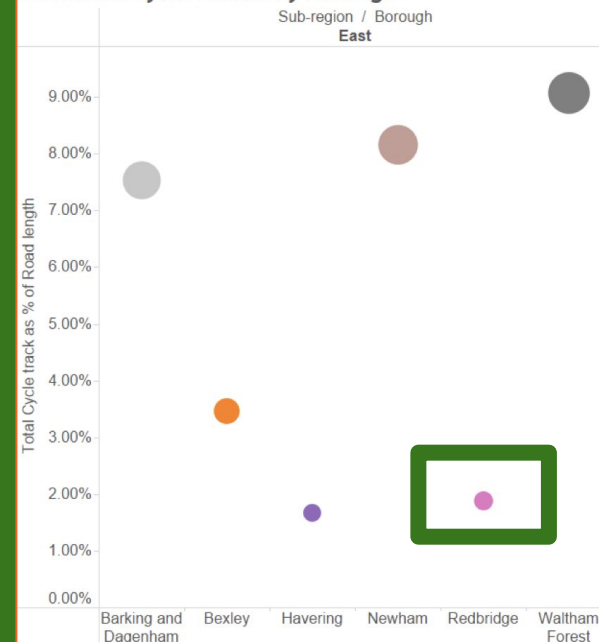


# Dedicated cycle lanes - East London

Weekly Cycle Usage

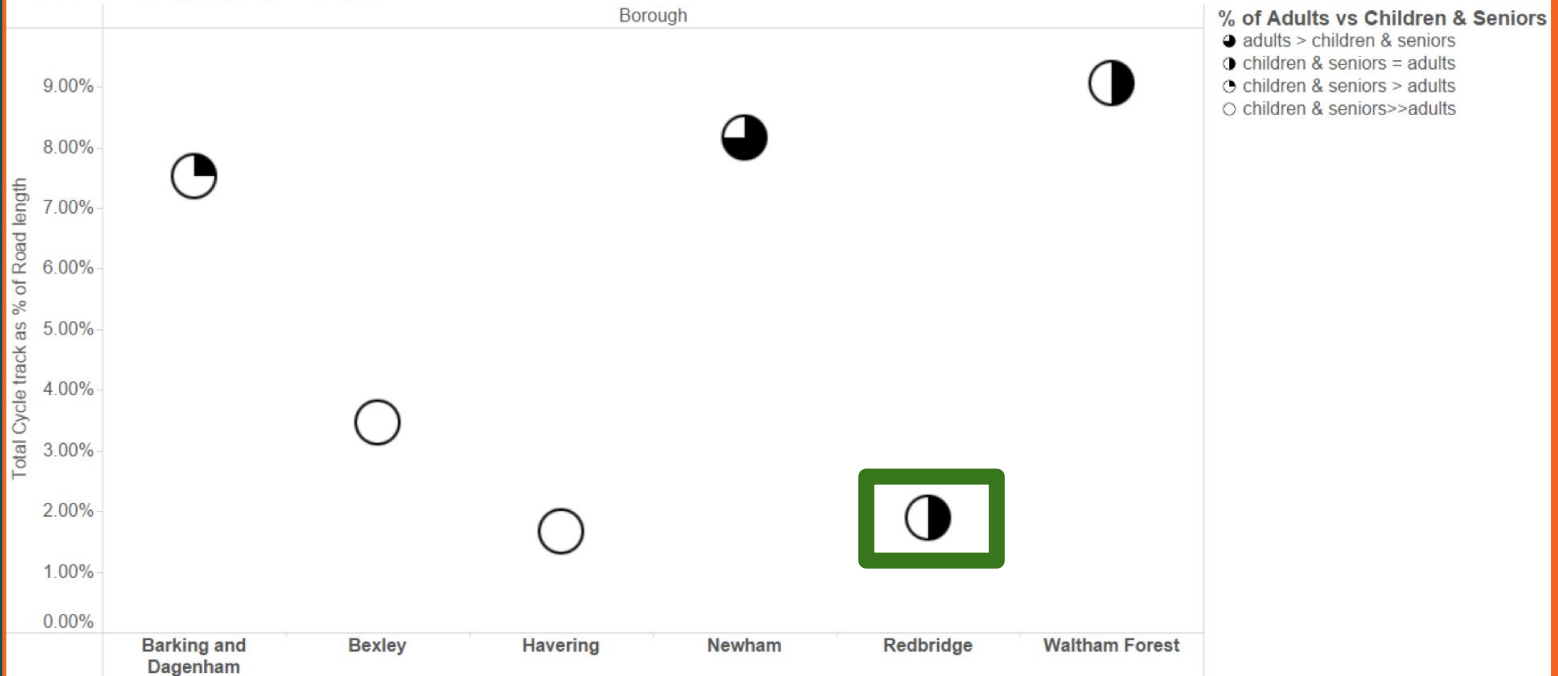


Dedicated Cycle Tracks by Borough



# Dedicated cycle lanes - East London

Distribution by Age (Borough)



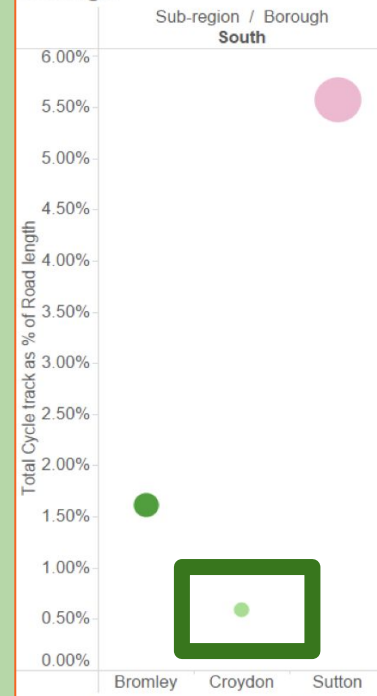
Sum of Total Cycle track as % of Road length for each Borough. Shape shows details about % Of Residents Aged 12-65 (group). The data is filtered on Sub-region, which keeps East.

# Dedicated cycle lanes - South London

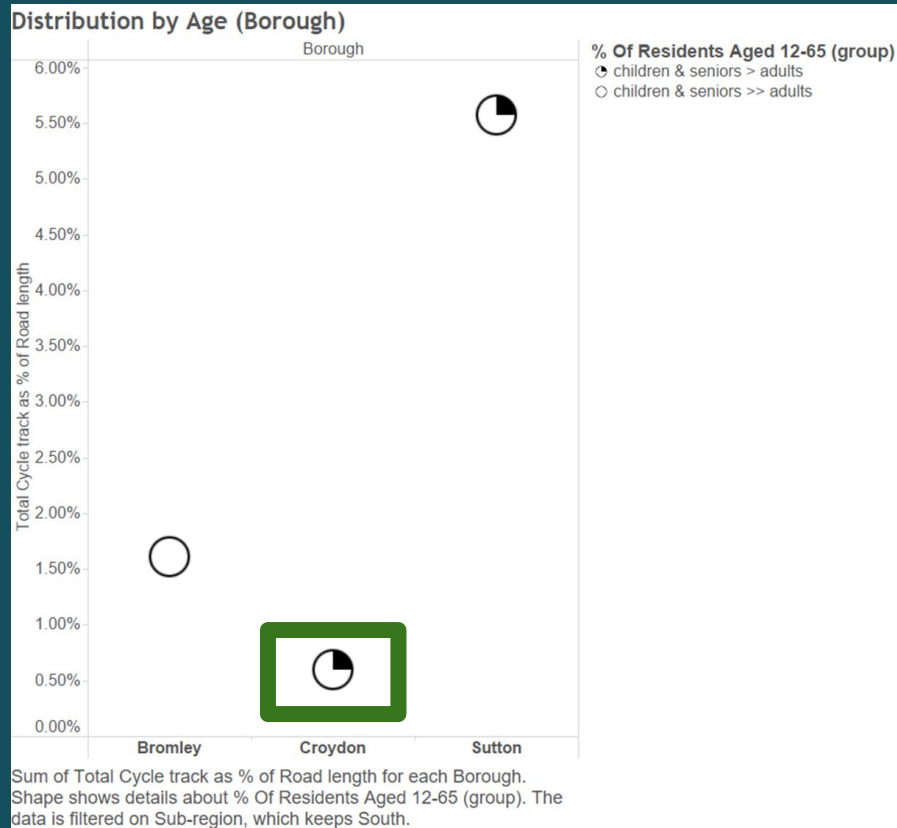
Weekly Cycle Usage



Dedicated Cycle Tracks by Borough



# Dedicated cycle lanes - South London

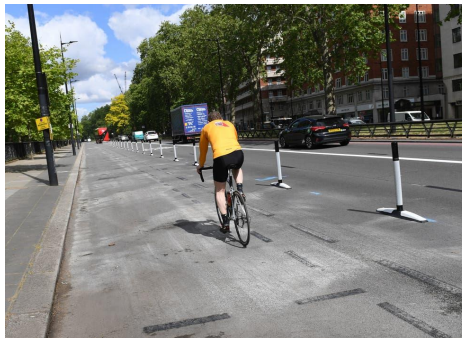


# Way Forward

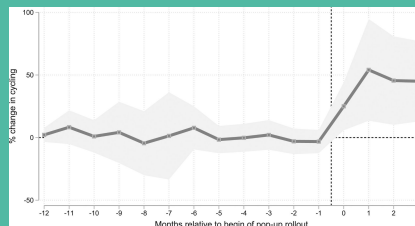


## Cycle parking in buildings

The Bikes in Buildings Program in New York City has provided indoor parking to over 13,000 bicycles in almost 400 commercial office buildings.



## Pop up cycle lanes



Paris, Dublin and Berlin



## New flats developments & private investors for secure parking

Adding to the National Planning Policy Framework (NPPF) for new developments & Tender private sector investors for parking facilities