1. <u>Introduction</u>

UK migration Observatory https://migrationobservatory.ox.ac.uk/ show that by the year 2018, 14% of the people in UK are non-UK citizens. And most of them are living in London. And so the next point is most of them are becoming permanent residents in UK and they find houses to buy to be settled.

The data in https://s3-eu-west-1.amazonaws.com/airdrive-images/wp-content/uploads/sites/6/20200212113731/Quarterly-London-housing-market-report-Q4-2019.pdf of the London datastore show that the new housing approvals has increased by 7% in 2019, compared to 2018.

So the point is what should be the factors to be considered when purchasing a house, especially someone from a foreign country.

So this is the case. If someone begins to buy an house in London and get settles, one key thing they consider is the crime rates of the neighborhoods of the city. So the problem face by a construction company who builds or sell houses in London wants to know what neighborhoods are the best for their customers depending on the number of Crimes.

The crime statistics dataset of London found on Kaggle has crimes in each Boroughs of London from 2008 to 2016. The year 2016 being the latest we will be considering the data of that year which is actually old information as of now. The crime rates in each borough may have changed over time.

So the problem is to find the best neighborhoods to live depending on number of crimes.