Investigation of Crime Patterns in London

A Reference Handbook for Analysing Crime Data and Trends From 2023/10-2024/10
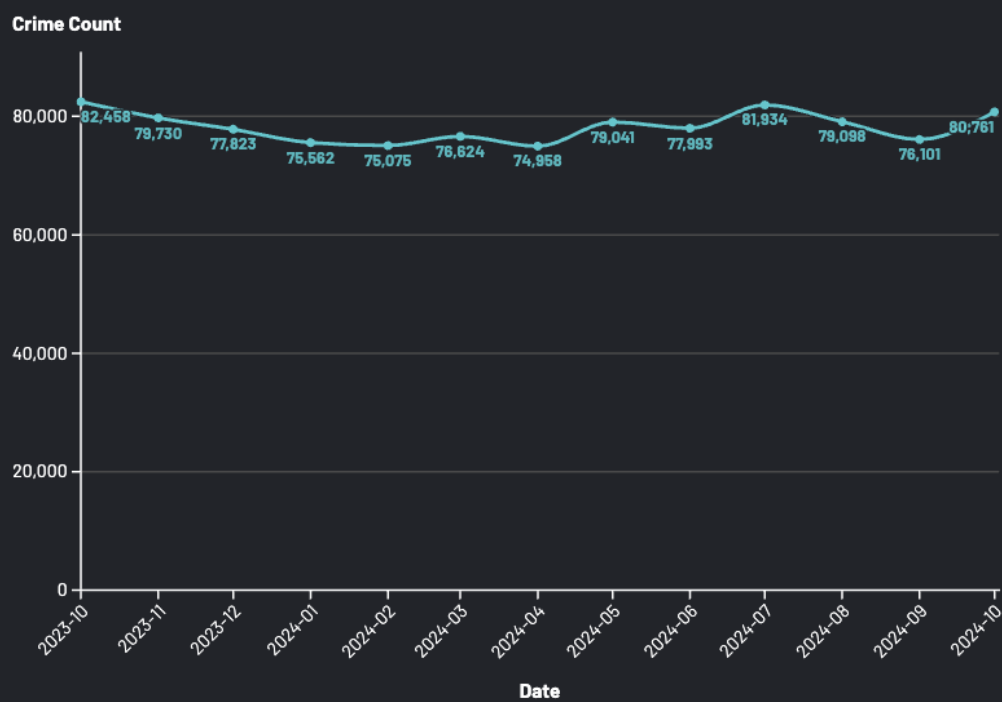
By London Government Office

London has always been a prosperous and dangerous city, attracting countless people with dreams to gather here.
We, the staff of the London Government Office, are conducting a survey on crime patterns to help keeping you safe.

Hope you have a good time in London!

How have overall crime trends changed over time?

Crime Count

[Line chart showing crime count from 2023-10 to 2024-10 with data points: 82,458, 79,730, 77,823, 75,562, 75,075, 76,624, 74,958, 79,041, 77,993, 81,934, 79,098, 76,101, 80,761]

Date

From October 2023 to October 2024, the number of crimes has generally remained volatile, showing no significant upward or downward trend. In some nodes, crime rates have soared, perhaps influenced by certain holidays.

Remind you to pay attention to property and personal safety when going out during holidays.

What are the proportions of each type of crime in the total?

Theft was the most important type of crime, much higher than other crime types. Violence Against the Person ranked second of the total and Vehicle Offences ranked third. Other crime types (e.g., public order crimes, blatant robbery, etc.) are relatively low.
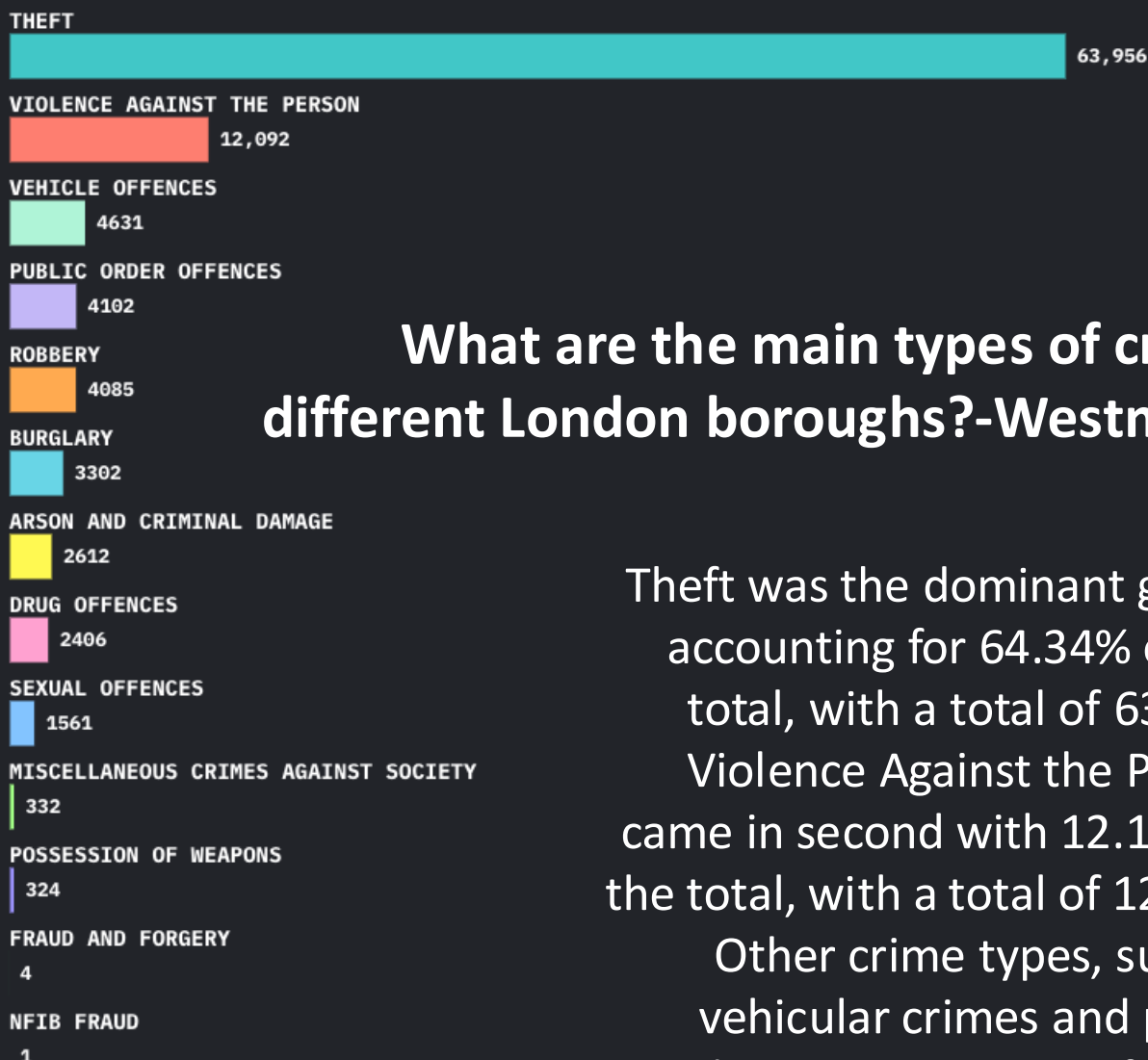
THEFT 33.18

VIOLENCE AGAINST THE PERSON 25.66

VEHICLE OFFENCES 10.97

PUBLIC ORDER OFFENCES 6.23

ARSON AND CRIMINAL DAMAGE 6.14

BURGLARY 5.8

DRUG OFFENCES 3.93

ROBBERY 3.77

SEXUAL OFFENCES 2.67

MISCELLANEOUS CRIME AGAINST SOCIETY 1.11

THEFT 337,475

VIOLENCE AGAINST THE PERSON 260,995

VEHICLE OFFENCES 111,608

PUBLIC ORDER OFFENCES 63,359

ARSON AND CRIMINAL DAMAGE 62,428

BURGLARY 58,970

DRUG OFFENCES 39,942

ROBBERY 38,357

SEXUAL OFFENCES 27,122

MISCELLANEOUS CRIMES AGAINST SOCIETY 11,293

POSSESSION OF WEAPONS 5461

FRAUD AND FORGERY 131

NFIB FRAUD 17

Based on the above conclusions, tourists must beware of theft of personal finances, especially in crowded places in boroughs.

What is the total number of crimes committed in different London boroughs?

Borough	Crimes
WESTMINSTER	99,408
CAMDEN	45,439
NEWHAM	43,541
SOUTHWARK	41,929
LAMBETH	41,150
TOWER HAMLETS	40,109
CROYDON	37,937
HACKNEY	36,105
BRENT	34,722
EALING	33,898
LEWISHAM	32,242
ISLINGTON	32,204
ENFIELD	31,746
HARINGEY	30,898
BARNET	30,739
GREENWICH	29,775
HILLINGDON	29,762
HOUNSLOW	28,905
WANDSWORTH	28,312
WALTHAM FOREST	26,633
BROMLEY	25,826
REDBRIDGE	25,788
UNKNOWN	25,183
KENSINGTON AND CHELSEA	25,133
HAMMERSMITH AND FULHAM	23,295
HAVERING	22,479
BARKING AND DAGENHAM	21,493
BEXLEY	18,220
HARROW	17,402
MERTON	15,106
SUTTON	14,241
RICHMOND UPON THAMES	12,830
KINGSTON UPON THAMES	12,270
LONDON HEATHROW AND LONDON CITY AIRPORTS	2438

Westminster leads the way with a total number of crimes, making it the borough with the highest number of crimes. The number of crimes is much higher than that of Camden and Newham in second place, which may be related to its central, densely populated and touristy nature. Moreover, the number of crimes is obviously unevenly distributed, and the differences in the distribution of crime numbers in larger administrative districts may be related to factors such as population density and regional functions (residential area, commercial area and tourist area). Visitors and residents living in the Westminster Borough should take care of their protection.
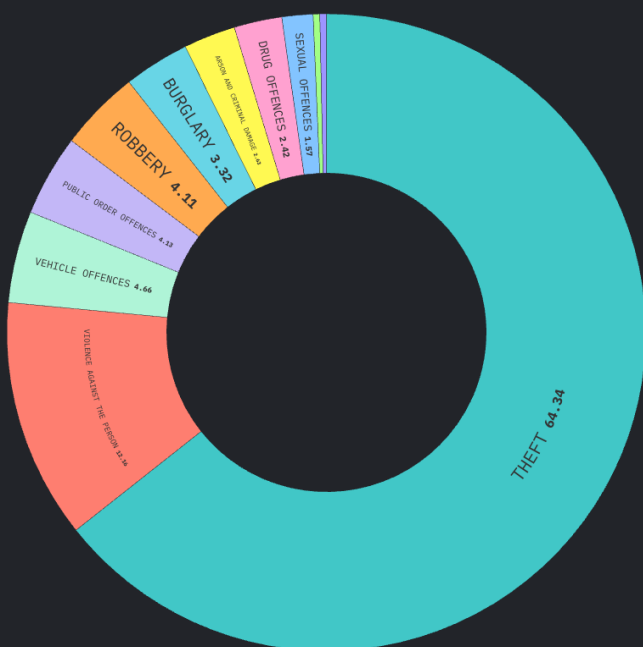
THEFT

63,956

VIOLENCE AGAINST THE PERSON

12,092

VEHICLE OFFENCES

4631

PUBLIC ORDER OFFENCES

4102

ROBBERY

4085

BURGLARY

3302

ARSON AND CRIMINAL DAMAGE

2612

DRUG OFFENCES

2406

SEXUAL OFFENCES

1561

MISCELLANEOUS CRIMES AGAINST SOCIETY

332

POSSESSION OF WEAPONS

324

FRAUD AND FORGERY

4

NFIB FRAUD

1

What are the main types of crime in different London boroughs?-Westminster

Theft was the dominant genre, accounting for 64.34% of the total, with a total of 63,956. Violence Against the Person came in second with 12.16% of the total, with a total of 12,092. Other crime types, such as vehicular crimes and public order crimes, account for less than 5%. Westminster's crime genre is highly concentrated, largely consistent with its characteristics as a commercial and tourist hub. The high incidence of theft may be related to tourists, commercial activities, while violent crime may be concentrated in areas with nocturnal activities.

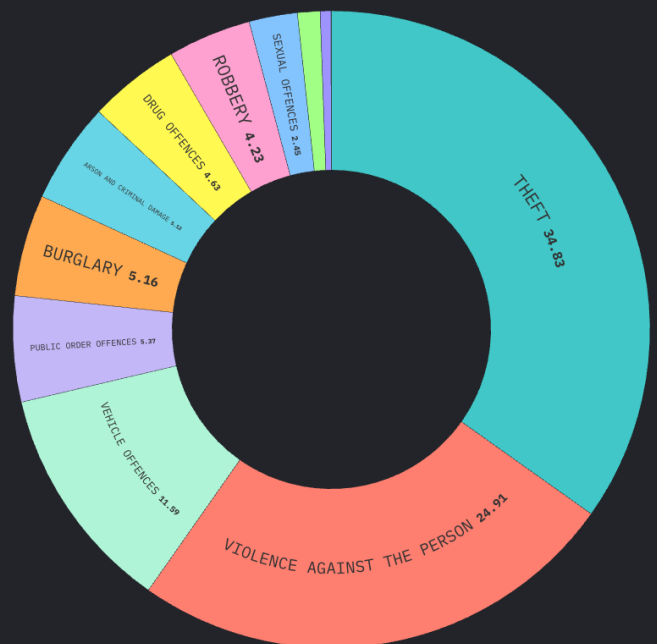# What are the main types of crime in different London boroughs? - Camden

Theft continued to dominate, accounting for 50.16% of the total, with a total of 22,792. Violence Against the Person followed with 17.03% for a total of 7,739. Other types (e.g., vehicular crimes, public order crimes) are low. Camden's crime distribution is relatively balanced. While theft is still dominant, violent crime and vehicular crime account for a higher proportion than Westminster, suggesting that policing issues may be more diverse.

THEFT
22,792

VIOLENCE AGAINST THE PERSON
7739

VEHICLE OFFENCES
3267

BURGLARY
2469

PUBLIC ORDER OFFENCES
2459

ARSON AND CRIMINAL DAMAGE
1964

ROBBERY
1917

DRUG OFFENCES
1520

SEXUAL OFFENCES
917

MISCELLANEOUS CRIMES AGAINST SOCIETY
235

POSSESSION OF WEAPONS
155

FRAUD AND FORGERY
4

NFIB FRAUD
1

THEFT 50.16
VIOLENCE AGAINST THE PERSON 17.03
VEHICLE OFFENCES 7.19
BURGLARY 5.43
PUBLIC ORDER OFFENCES 5.41
ARSON AND CRIMINAL DAMAGE 4.32
ROBBERY 4.22
DRUG OFFENCES 3.35
SEXUAL OFFENCES 2.02

THEFT — 15,164

VIOLENCE AGAINST THE PERSON — 10,847

VEHICLE OFFENCES — 5047

PUBLIC ORDER OFFENCES — 2336

BURGLARY — 2246

ARSON AND CRIMINAL DAMAGE — 2229

DRUG OFFENCES — 2018

ROBBERY — 1842

SEXUAL OFFENCES — 1068

MISCELLANEOUS CRIMES AGAINST SOCIETY — 498
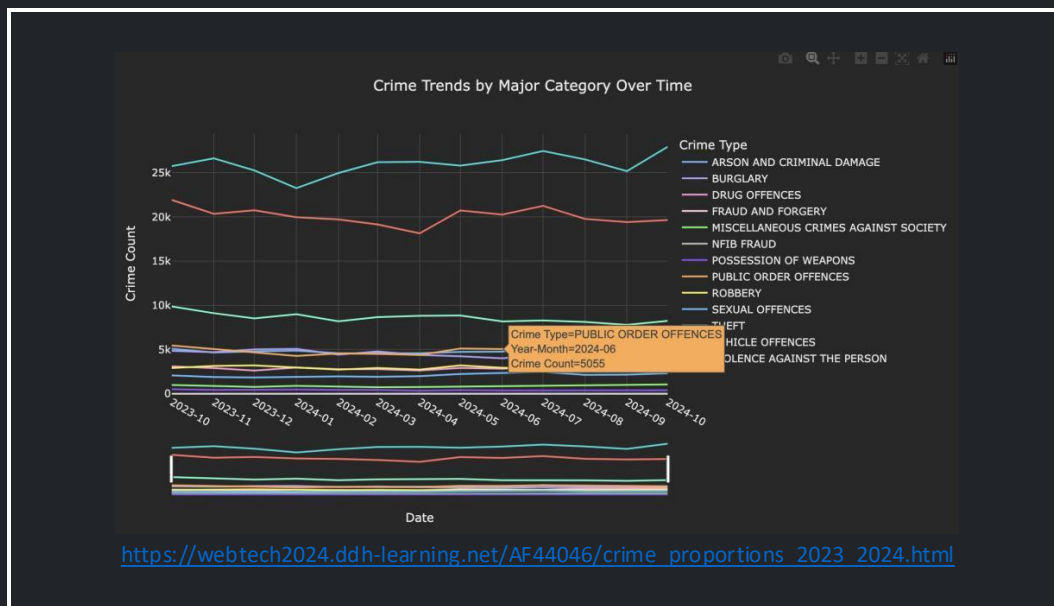
POSSESSION OF WEAPONS — 237

FRAUD AND FORGERY — 9

What are the main types of crime in different London boroughs?-Newham

Theft accounted for 34.83% of the total, with a total of 15,164, making it the most important type of crime. Violence Against the Person accounted for 24.91%, with a total of 10,847. The proportion of vehicular crimes (11.59 per cent) and public order offences crimes (5.37 per cent) is also higher.

Newham's crime structure is focused on theft, but its overall crime distribution is slightly more homogeneous than Camden's, suggesting that the region's policing challenges may be largely focused on property crime.

What is the correlation between time and the type of crime?

Crime Trends by Major Category Over Time

Crime Type
- ARSON AND CRIMINAL DAMAGE
- BURGLARY
- DRUG OFFENCES
- FRAUD AND FORGERY
- MISCELLANEOUS CRIMES AGAINST SOCIETY
- NFIB FRAUD
- POSSESSION OF WEAPONS
- PUBLIC ORDER OFFENCES
- ROBBERY
- SEXUAL OFFENCES
- THEFT
- VEHICLE OFFENCES
- VIOLENCE AGAINST THE PERSON

Crime Type=PUBLIC ORDER OFFENCES
Year-Month=2024-06
Crime Count=5055

https://webtech2024.ddh-learning.net/AF44046/crime_proportions_2023_2024.html

This interactive chart shows the trends of different types of crime in London, and you can clearly see how different crime categories (e.g. arson, burglary, drug offences, fraud, etc.) have changed over time.

Each line represents a type of crime, and by looking at these trends, you can see which types of crime are more prominent during certain periods, helping you better understand the security landscape in London.

Also, when you hover over a data point on the chart, the system displays the specific crime type, year, and number of crimes at that moment. This way, you can quickly get more detailed information about different types of crimes.

You can "zoom" by pulling the mouse or double-click to return to the initial state. See more detailed information or get broader trends by zooming in or out of data for a specific time period.

This chart gives you a clear view of how crime trends have changed over time, providing you with valuable security information to help you better understand the state of policing in London.
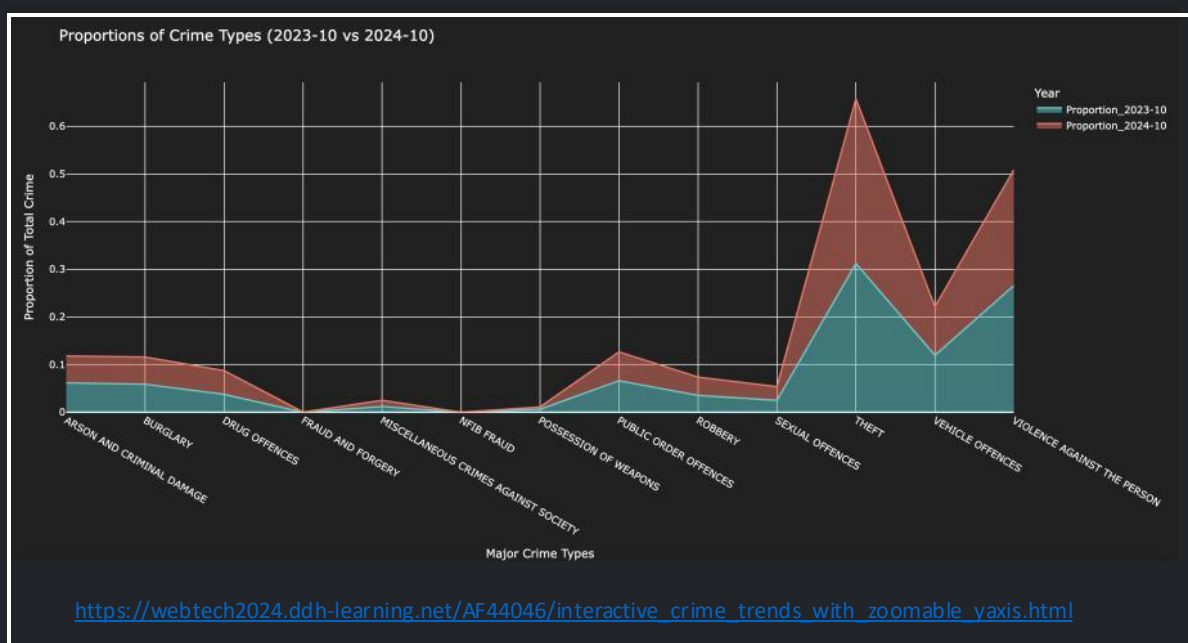
How does the proportion of each type of crime change in the total number of crimes?

This graph shows how the proportion of different crime types in London changed between October 2023 and October 2024, and you can clearly see which crime types became more prominent during a particular period by comparing the data over different time periods.
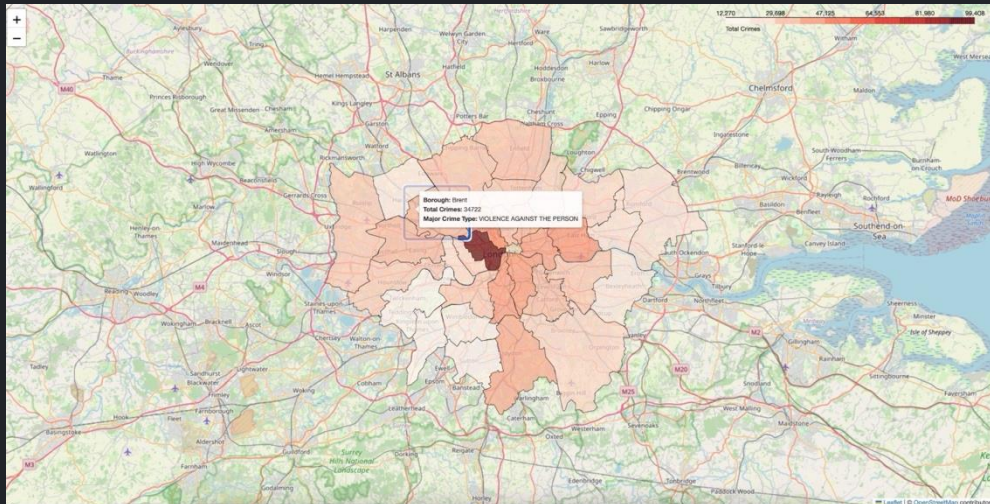
The different colors in the graph distinguish the two sets of data to help you understand how each crime type tends over time.

When you hover over a data point on the chart, you can see detailed data information. In addition, you can "zoom" with a mouse pull or double-click to return to the initial state. See more detailed information or get broader trends by zooming in or out of data for a specific time period.

These give you the flexibility to adjust the time frame you look at to suit your needs, giving you a better understanding of how the proportion of crime types changes over time, providing insight into crime trends in London to help you make more accurate security decisions.

Proportions of Crime Types (2023-10 vs 2024-10)

https://webtech2024.ddh-learning.net/AF44046/interactive_crime_trends_with_zoomable_yaxis.html

How are the crime numbers in each borough presented in the form of a map?

This map shows the distribution of crime in different parts of London. With different shades of color, you can visualize the density and frequency of crime in various areas.

The darker the color, the higher the frequency of crime in the area, and vice versa, the lower the crime rate in the area. You can hover over different areas to see specific crime data, such as the type and number of crimes, to help you better understand the security situation in each area.

This graph gives you a clear perspective on crime trends in different parts of London, helping you to make informed judgments in further research or decision-making.