

BERLIN CRIME ANALYSIS (2012 – 2019) BY ANN-MARIE MENSAH

INTRODUCTION

Berlin is a vibrant and cosmopolitan city, and it is also the capital city of Germany. The city boasts of many modern art sites and sceneries, such as the Wall of Berlin, the Brandenburg Gate, and the Berlin Cathedral. Despite the city's welcoming nature, especially for foreigners, there's also that aspect of crimes being committed in the city. This report is an analysis of the crimes committed in Berlin from 2012 to 2019.

The purpose of this analysis is to provide an overview of the crimes committed in Berlin from 2012 to 2019. Additionally, it allows viewers to see which district(s) in Berlin is/are the most dangerous, what crimes were committed the most, as well as the crime growth over time. Viewers can then use these initial insights to have a general understanding of which areas are safe and not safe to live in and to stimulate discussions on crimes in Berlin.

DATASET DESCRIPTION

The dataset is a compilation of crime statistics in Berlin from 2012 to 2019, and was downloaded from Kaggle: (<https://www.kaggle.com/danilzyryanov/crime-in-berlin-2012-2019>). The dataset includes the following columns: *Local robbery, Robbery, Street robbery, Injury, Assault, Threat, Theft, Car, From_car, Bike, Burglary, Fire, Arson, Damage, Graffiti*, and *Drugs*.

DATA CLEANING

Before analysis, I had to do some data cleaning to make the analysis process easy. From the dataset, I realised that some of the columns had the same meaning, so I merged them. The merger is as follows:

1. Local, Robbery, Street_robbery as **ROBBERY**
2. Injury, Assault, Threat as **ASSAULT**
3. Theft, Car, From_car, Bike, Burglary as **THEFT**

4. Fire, Arson as **ARSON**
5. Damage, Graffiti, as **PROPERTY DAMAGE**
6. Drugs as **DRUGS**

RESULTS

From the analysis of the dataset, the following insights were generated:

1. The top 3 most committed crimes in Berlin from 2012 and 2019 are Theft, Robbery, and Assault.
2. The top 5 districts in Berlin with the most committed crimes from 2012 to 2019 are Mitte, Friedrichshain-Kreuzberg, Charlottenburg, Neukölln and Pankow. The three districts with the least committed crimes were Spandau, Treptow-Kopenick, and Marzahn-Hellersdorf.
3. The top 5 districts with the most committed crimes are also consistent with the top 5 most dangerous districts in Berlin, because these are the districts with the most crimes being committed.

FURTHER RESEARCH & CONCLUSION

This analysis was a simple overview of the crimes committed in Berlin from 2012 to 2019. Multiple reports have suggested that the crime rate in Berlin increased from 2012 because of the influx of foreigners. Also, factors such as population size, rent, and lifestyle have also been suggested to be a contributing factor to the increase in the number of crimes committed in the city. Further research can be done to confirm these conclusions and continue stimulating conversations around making Berlin a safe space for its people and foreigners.