

## ANALYZING THE PERFORMANCE & EFFICIENCY OF RADISSON HOTELS USING DATA VISUALIZATION TECHNIQUES.

### 1. INTRODUCTION

#### 1.1 Overview

##### About raddison hotels

With nine distinctive brands and more than 1500 hotels worldwide in operation and development, Raddison Hotel group is one of the largest hotel chains in the world. As part of its strategic 5-year plan, the company is in the midst of a transformation, in which a number of key functions are being unified in centers of excellence. One of those center of excellence focuses on revenue management. The revenue system Hub for 400 hotels in Europe and Africa is located in Madrid.

## 1.2 Advantages of Data Visualization :

### 1. Better agreement –

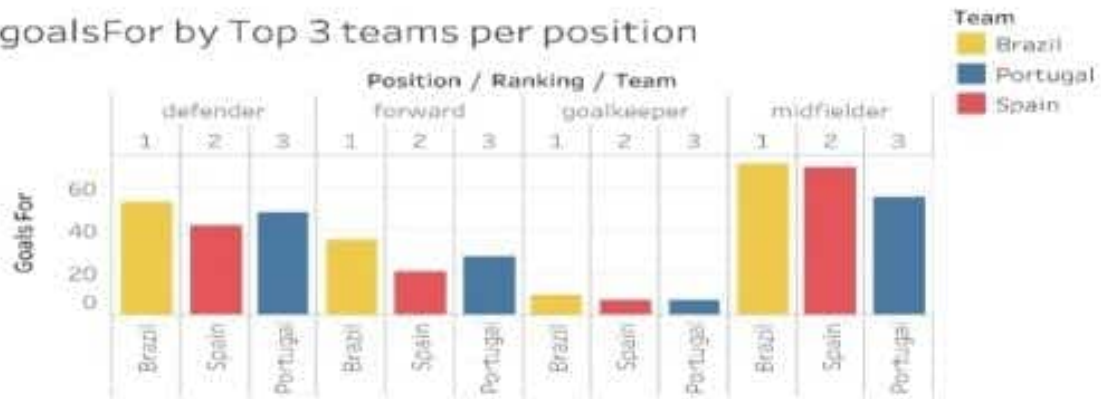
In business numerous a period it happens that we need to look at the exhibitions of two components or two situations. A conventional methodology is to experience the massive information of both the circumstances and afterward examine it. This clearly will kill a great deal of time.

## 1.3 Disadvantages of Data Visualization :

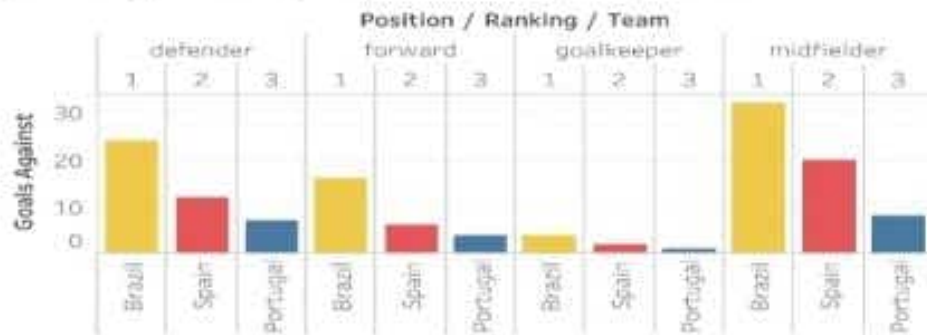
### 1. It gives assessment not exactness –

While the information is exact in foreseeing the circumstances, the perception of similar just gives the assessment. It without a doubt is anything but difficult to change over the robust and protracted information into simple pictorial configuration yet such a portrayal of data may prompt theoretical ends now and then.

goalsFor by Top 3 teams per position



goalsAgainst by Top 3 teams per position



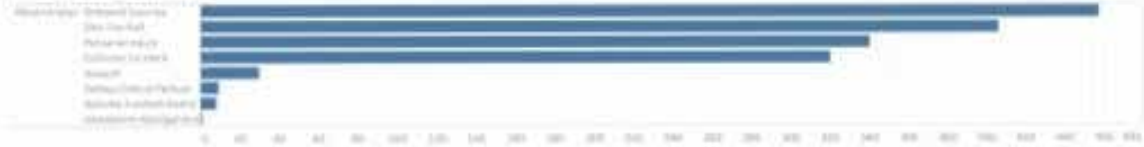
## London Traffic Dashboard 2023-2010

Click on the map to zoom

London by Borough



London by Borough and Event Type



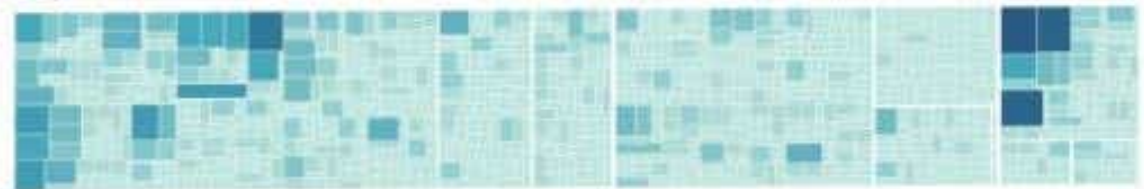
London by Borough



London by Year



London



London by Borough



# Project Report

NM2023TMIDO2409

## Analyzing Crime Trends for a Safer Baltimore

Can Baltimore PD benefit from their own data being visualized?	Baltimore's crime rates dropped for the first time in 2022, but we could do better.	Interpolating, aggregating, and summarizing the results can be found from the data.	These results are further confirmed when viewing data from other years.	Most commonly viewed generally do not involve the use of a dataset other than the dataset's itself.	As such, increased transparency, engagement, and...
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Though Baltimore has had its own struggles with criminal activities and rising homicide rates, the power of data analysis along with a BPD Victim Based Crime Dataset could help the Baltimore PD unlock its greatest aid in the fight for justice:

### Access to Knowledge



**BALTIMORE**  
Maryland

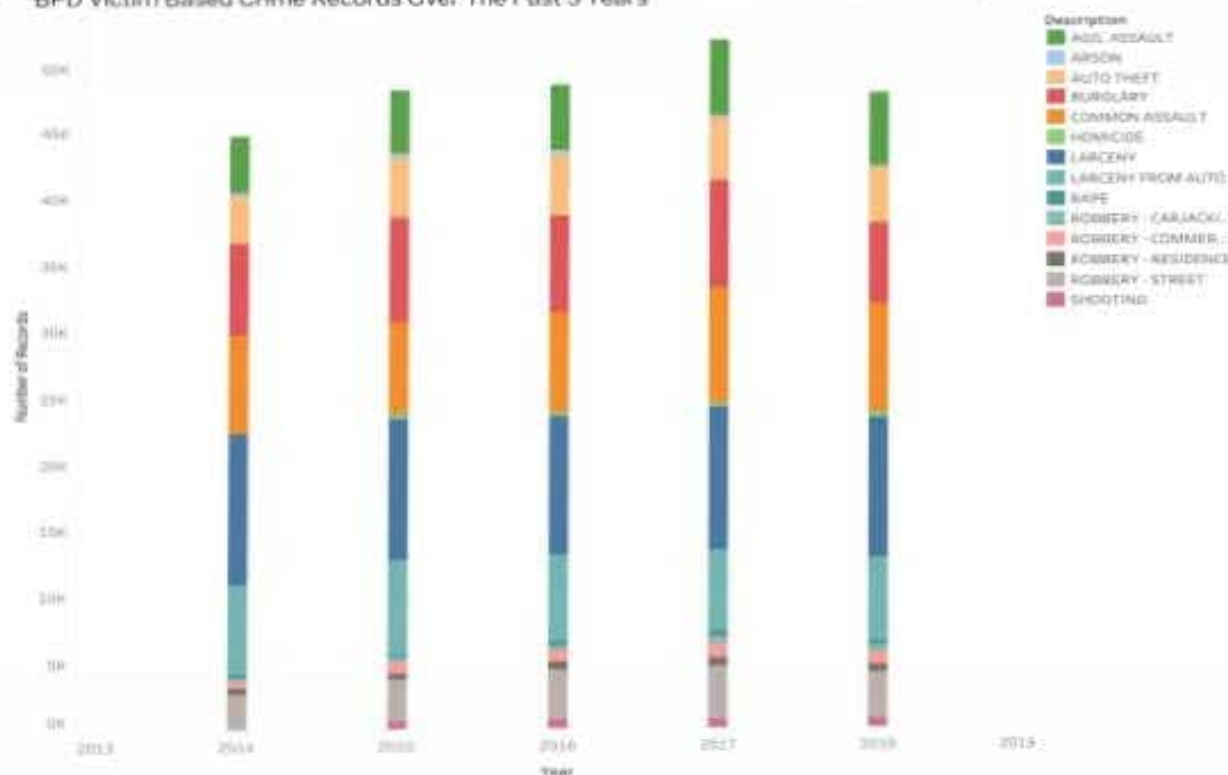
## Project Report

NM2023TMIDO2409

## Analyzing Crime Trends for a Safer Baltimore

Can Baltimore's PD handle the extra stress associated with a violent crime?	Baltimore's crime rate, dropped for the first time in 2020, but we could do better...	When it comes to violent and property crime trends, I see the future from the past	These trends are a lot like what we find when viewing a 2000 Washington post.	Will Baltimore crime get any less and how do the rest of a nation rather than the district's data	No, with increased technology, crime is...
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BPD Victim Based Crime Records Over The Past 5 Years

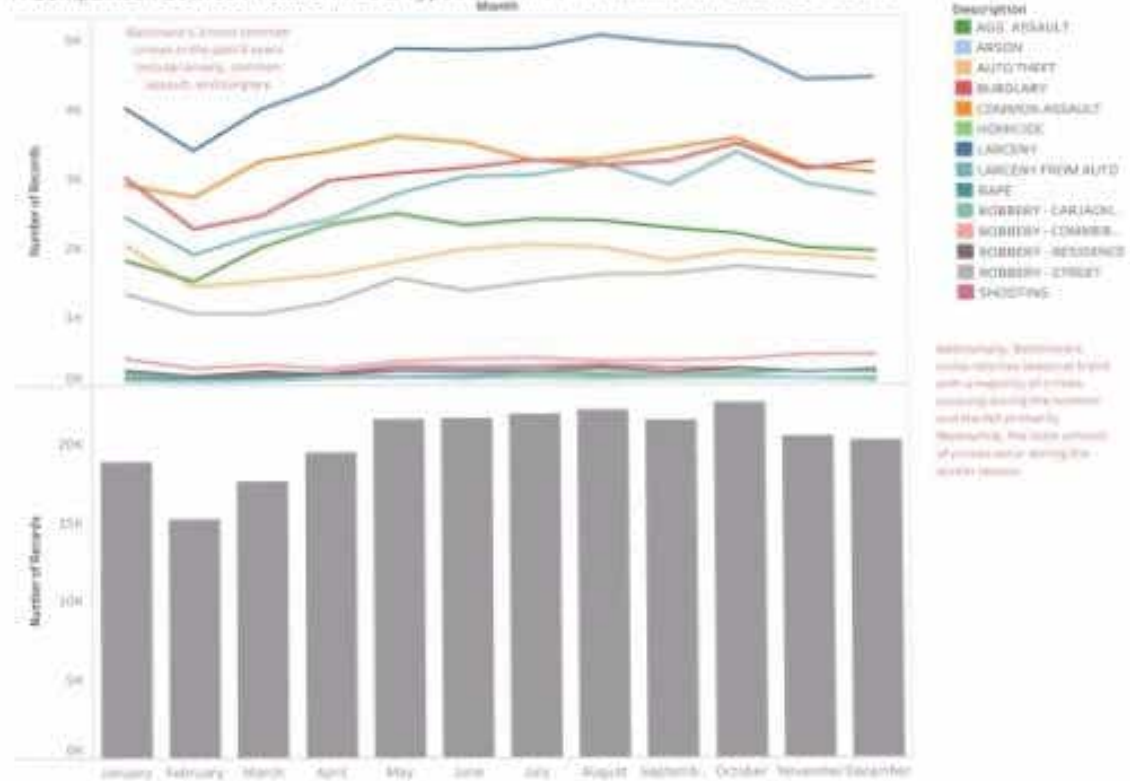




### Analyzing Crime Trends for a Safer Baltimore

Can Baltimore's PD benefit from their own data being analyzed?	Baltimore's crime rates dropped for the first time in 2023, but are results for better?	Interestingly, seasonal and common crime trends can be found from the data.	Crime trends are further clarified when comparing data from prior years.	Many crimes are being prevented by the use of a weapon other than the standard knife.	We don't, however, recommend, implement, or...
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#### A Comparison Between Total Crimes & Types of Crimes Per Month Over The Past 5 Years



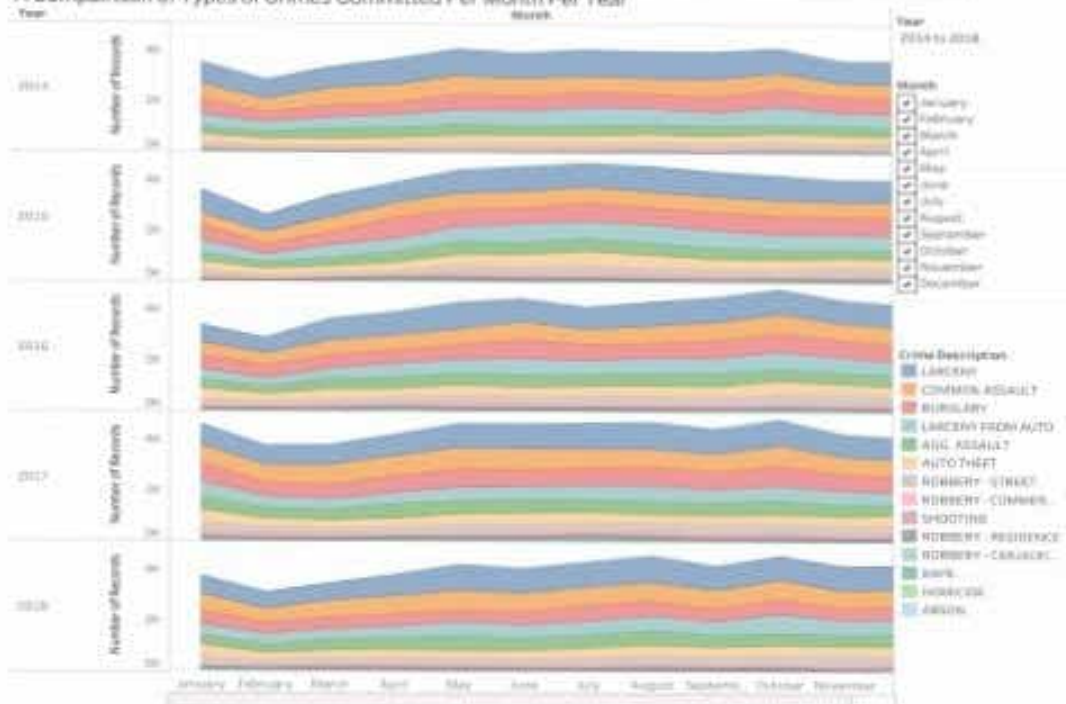
# Project Report

NM2023TMIDO2409

## Analyzing Crime Trends for a Safer Baltimore

Client: Baltimore's Office of the Mayor	Information: Baltimore and Baltimore's crime trends over the past 10 years and data.	These trends are further verified when viewing data from prior years.	Most crimes in Baltimore generally decreased over the past 10 years, with the exception of drug-related crimes.	Results: Increased police presence, improved community engagement, and increased funding for social services.	2023-2024
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### A Comparison of Types of Crimes Committed Per Month Per Year







## 2.CONCLUSION

Radisson owns multiple five-star hotels across India. They have been in the hospitality industry for the past 100 years. Due to strategic moves from other competitors and ineffective decision-making in management, Radisson is losing its market share and revenue in the business hotels category.

## 3.FUTURE SCOPE

- \* This study applies the principle behind the SERVQUAL and performance methods to measure service quality of hotels.
- \* Yet ,data envelopment analysis approach is exploited to evaluate the efficiency of hotels.
- \* Finally a sensitive analysis method in DEA approach and Nor-2methodis applied to the address the most importantservice quality dimensions.