

# SPARK FOUNDATION INTERNSHIP TASK 4.

DATASET:

# TERRORISM

Ameen Abdulbaru

Data Analyst.





# AGENDA

Introduction

Objective

Analysis

Timeline

Summary & Conclusion

# INTRODUCTION

ABOUT DATA

## Exploratory Data Analysis Report

The Global Terrorism Database (GTD) is an open-source database including information on terrorist attacks around the world from 1970 through 2017. The GTD includes systematic data on domestic as well as international terrorist incidents that have occurred during this time period and now includes more than 180,000 attacks.





# OBJECTIVE

- As a security/defense analyst, find out the hot zone of terrorist attacks.
- Find out the security issues and insights derive from EDA.

## ANALYSIS

Analysis involving the total death toll caused by terrorist around the globe. The global map below shows a color gradient about the death toll in neighboring countries in which the deeper the color gradient is the higher the death toll. From the analysis it is noticed that “Iraq, Afghanistan, Nigeria, India, Pakistan, Peru, Philippines, United Kingdom, Somalia and Columbia” as the top 10 countries with larger death toll caused by terrorist having been caused majorly by Bombing/Explosion and Armed assault.





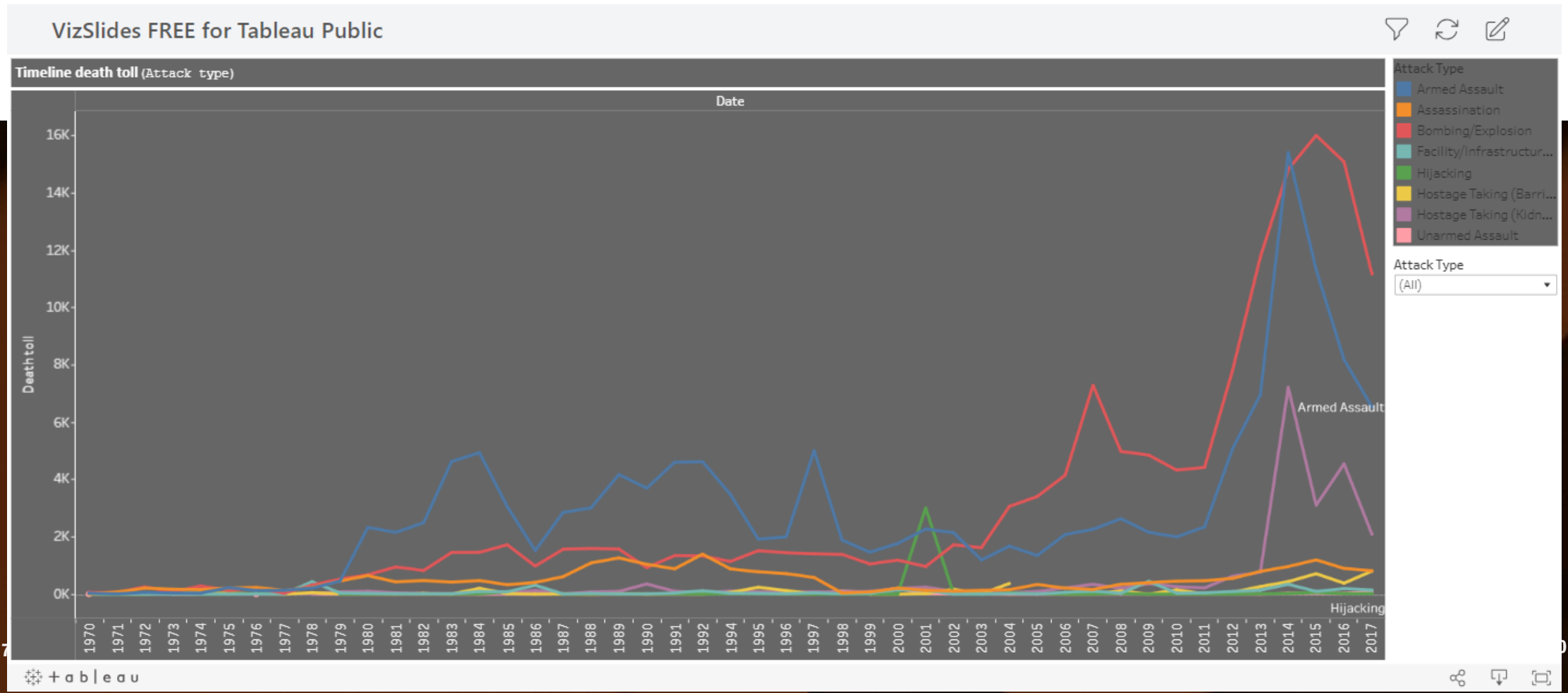
## ANALYSIS

Below is an analysis involved in indicating the success rate of terrorist attacks on a global scale.- i.e. indicating which country is vulnerable to terrorist attacks and the success rate involved. From the analysis it is noticed that” Iraq, Afghanistan, Nigeria, India, Pakistan, Peru, Philippines, United Kingdom, Somalia and Columbia” as the top 10 countries with large success rate caused by terrorist having been caused majorly by Bombing/Explosion and Armed Assaults.



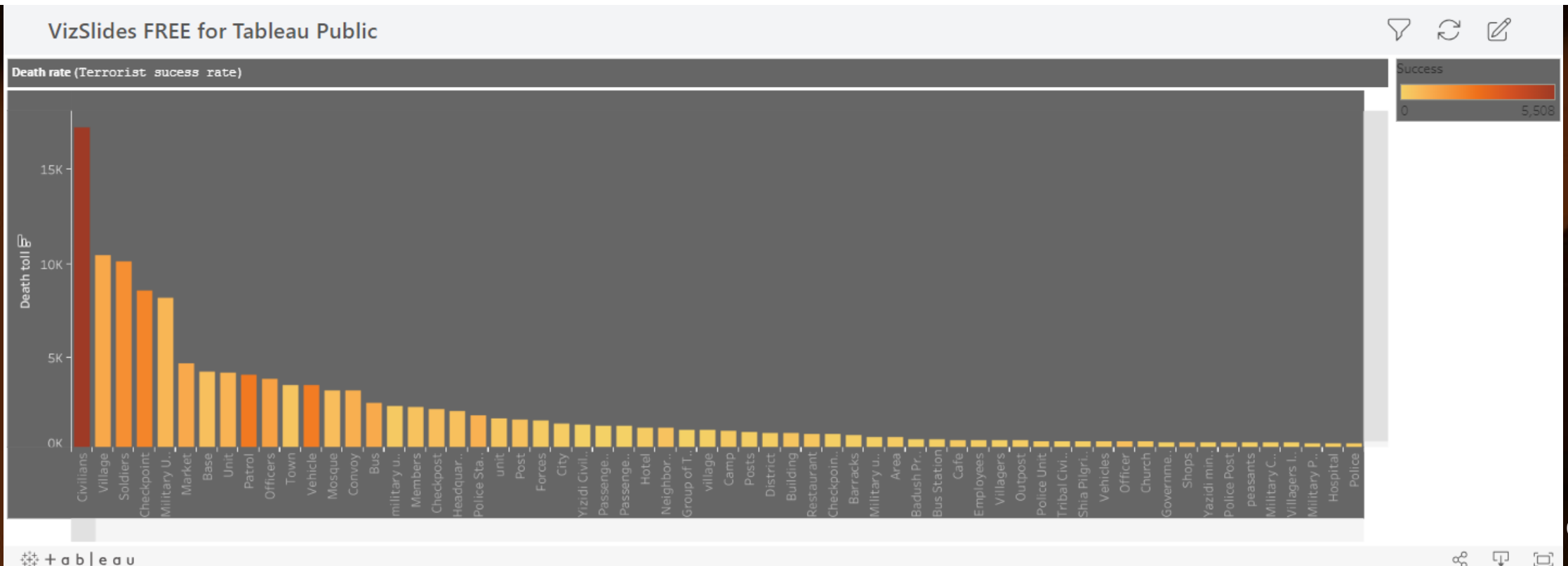
## ANALYSIS

An analysis timeline series showing the Total death toll from 1970 -2017. The analysis represents the period whereby major attacks were caused y terrorist while also indicating the amount of lives lost during that period. From the analysis, it is shown that bombing and Armed assaults are the most common attacks that causes the major loss of lives with Hostage taking as the third cause with major events happening in the year 2002 -2016.



## ANALYSIS

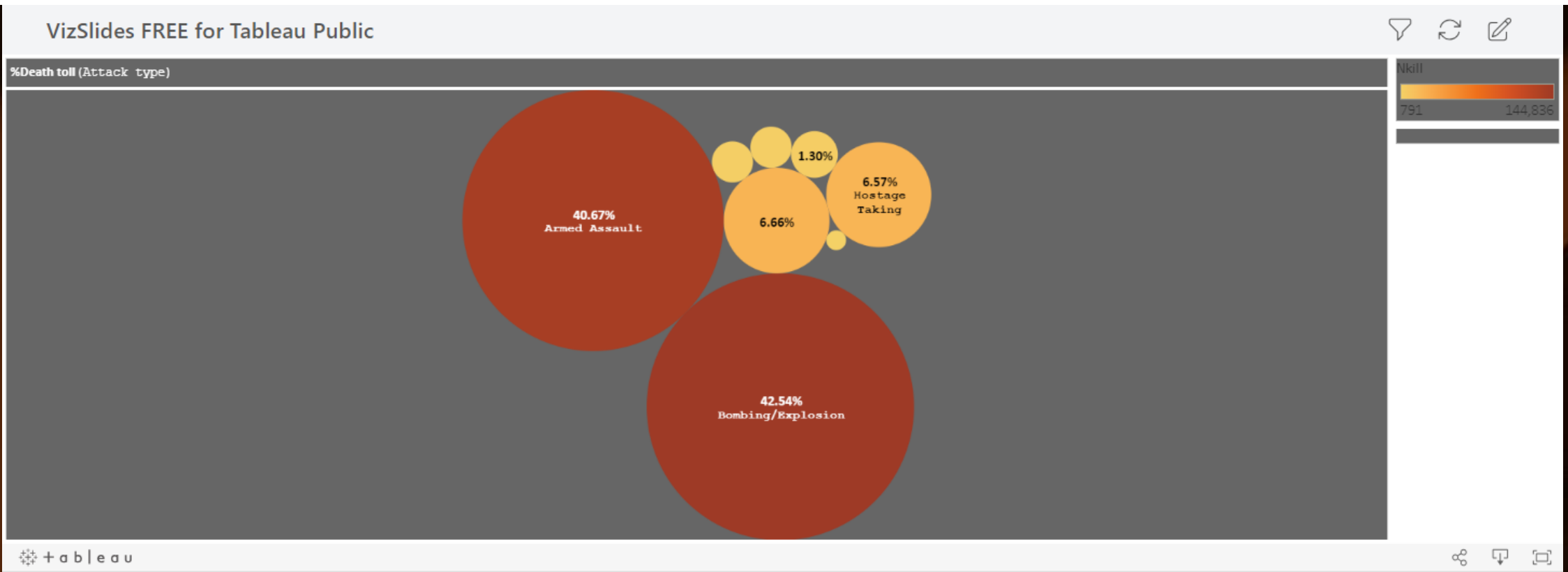
Analysis on major targets for terrorist by total death toll caused. The chart below shows “Civilians, Villages, Soldiers, Checkpoints, Military unit, Market, Base, Patrol, Officers and Town” as the top 10 targets for terrorist with major loss of lives exceeding 20,000.





## ANALYSIS

The analysis below shows the percentage total of attack type caused by terrorist globally. Below shows a slightly percentage difference between Armed assaults and Bombing form of terrorism both sharing a common form of attacks favored by terrorist worldwide.



# SUMMARY & CONCLUSION

In conclusion, major forms of attacks favored by terrorist consist of using Explosions, Armed assaults and Assassination.

Further more, “Iraq and Afghanistan” experience more terrorism than other countries globally while Nigeria being one of the few African countries experience more terrorist attacks with major targets focused on villages.





# THANK YOU

Ameen Abdulbaru

[ameenabdulbarr@gmail.com](mailto:ameenabdulbarr@gmail.com)

[\(23\) Ameen Abdulbaru | LinkedIn](#)

[AbdulbarrA \(github.com\)](#)