EXPLORATORY DATA ANALYSIS
GLOBAL TERRORISM

(As a Defence Analyst)

THE SPARK FOUNDATION

(USING POWER BI AND MICROSFT EXCEL)

GLOBAL TERRORISM DATASET

NAME - PRIYESH DIXIT
POSITION - DATA SCIENCE AND BUSINESS ANALYST INTERN

Exploratory Data Analysis – Terrorism
(Level – Intermediate)

- Perform 'Exploratory Data Analysis' on dataset 'Global Terrorism'
- As a security/defense analyst, try to find out the hot zone of terrorism.
- What all security issues and insights you can derive by EDA?
- You can choose any of the tool of your choice (Python/R/Tableau/PowerBI/Excel/SAP/SAS)
- **Dataset:** https://bit.ly/2TK5Xn5
- **Intermediate Level** - Create storyboards. Screen-record along with your audio explaining the charts and interpretations. Use images.
- Task submission:
  1. Create the dashboards and/or storyboard and record it
  2. Upload the recording on Youtube, share the link on LinkedIn
  3. Submit LinkedIn post link in Task Submission Form when shared
  4. Please read FAQs on how to submit the tasks.

--- OBJECTIVES ---

- To find the Sum of sucess by all the Country.
- To find the Sum of sucess by all the Regions.
- To find the Sum of sucess by all the Gang Name.
- To find the Sum of sucess by all the Target Type, Weapon Type and Attacks Type.

GLOBAL TERRORISM ANALYSIS

536
Sum of individual

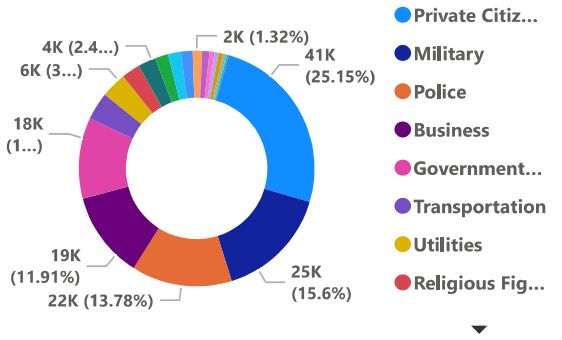
11K
Sum of Victims Kidnapped

162K
Sum of Success

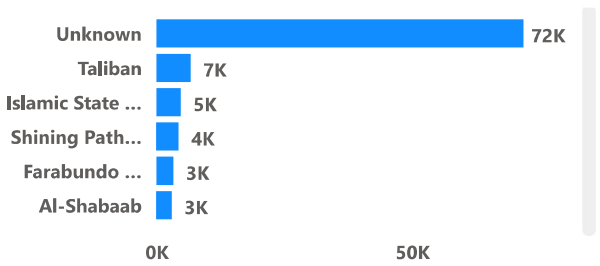
COUNTRY
All

SUM OF SUCESS BY COUNTRY

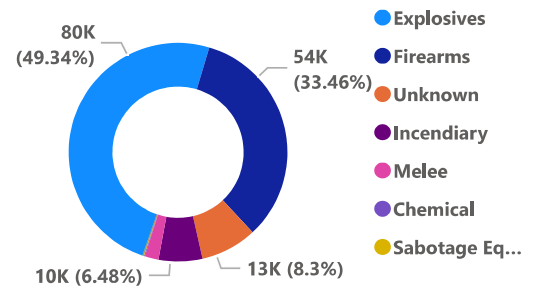
Sum of Success by Target Type



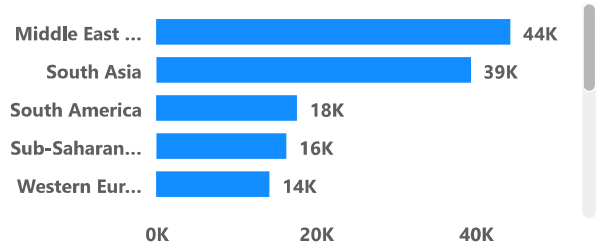
Sum of Success by Gang Member



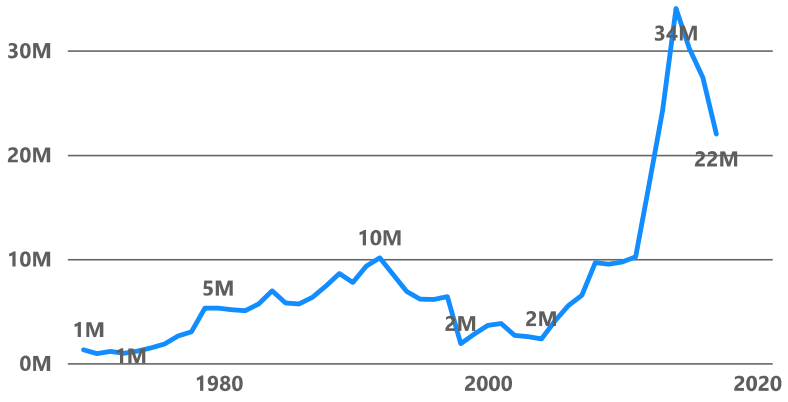
Sum of success by Weopon Type



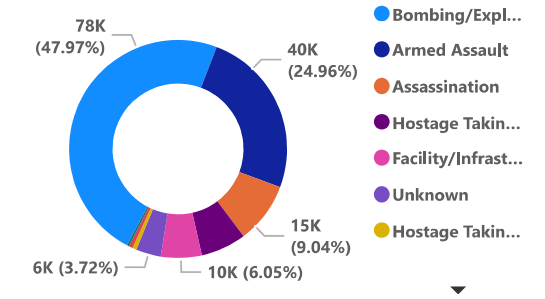
Sum of Success by Region



Count of Year by Year



Sum of Success by Attack Type



PROJECT INSIGHTS

Attacks were more during 2012 to 2017. Number of attacks are little bit consistent in 1979 to 2012.

Iraq has the highest number of attacks, then comes Pakistan, Afghanistan and India which have almost same number of attacks.

The Middle East & North Africa leads 1st among all the regions and then South Asia takes 2nd place. Most of the attacks were through Bombs and explosives.

For most of the attacks, the targets are Private Citizens & poverty and the next Military Leaders. Most of the times Explosives and Firearms are used as Weapon.