

TASK #4



Exploratory Data Analysis - Terrorism

using Python and Power BI

by Yemima Sipayung

Exploratory Data Analysis – Terrorism

(Level – Intermediate)

A decorative graphic on the left side of the slide. It features a central large cyan hexagon with the text "#4" in white. Surrounding this central hexagon are several smaller hexagons in various shades of blue and cyan. Some of these hexagons contain icons: a lightbulb, a thumbs-up, a network of nodes, a smartphone, a magnifying glass, a gear, and a speech bubble. The background of the slide is a light blue gradient.

#4

- 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.

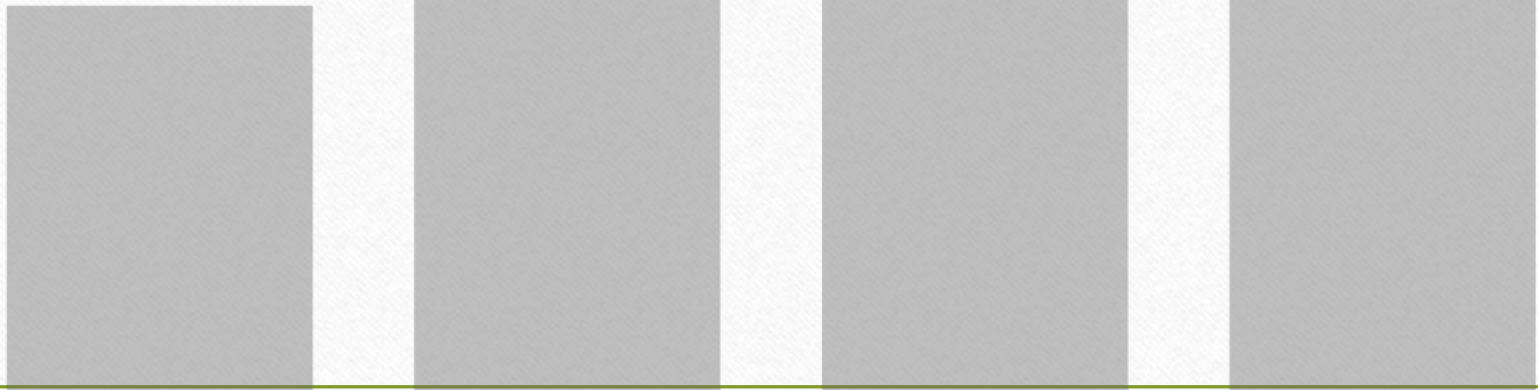
GLOBAL TERRORISM DASHBOARD

[View in Power BI](#)

[View in Power BI \(no need to login\)](#)

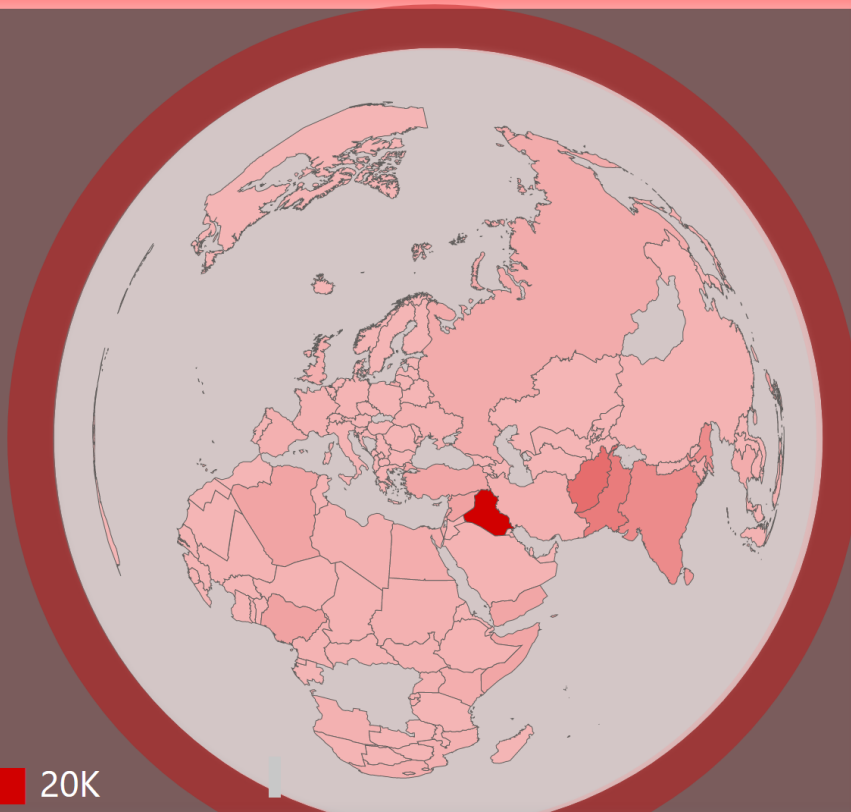
Last data refresh:
10/10/2022 4:05:42 PM UTC


Downloaded at:
10/10/2022 5:51:57 PM UTC



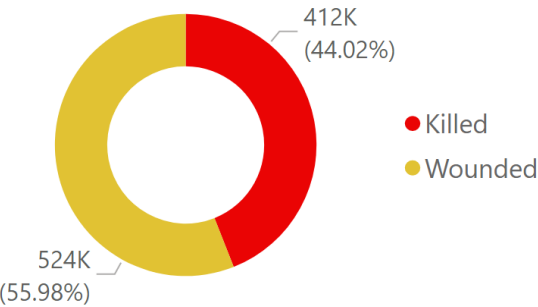
GLOBAL TERRORISM DASHBOARD

411,868 people killed
523,868 people wounded
by **161,632** terrorism attacks
in **48** years

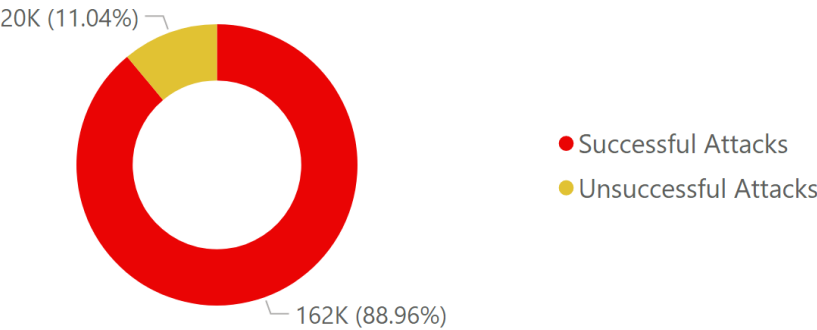


People affected by terrorist attack: 0  20K

Casualties from Terrorism



Total Terrorism Attacks



Year

All

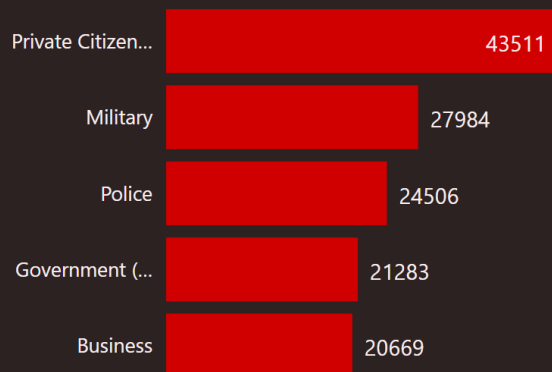
Region and Country

Search

- ☐ Select all
- ☒ Australasia & Oceania
- ☒ Central America & Carib...
- ☒ Central Asia
- ☒ East Asia
- ☒ Eastern Europe
- ☒ Middle East & North Afr...
- ☒ North America
- ☒ South America
- ☒ South Asia
- ☒ Southeast Asia
- ☒ Sub-Saharan Africa
- ☒ Western Europe

Trend Analysis

Filters



Bombing/Explosive	88255
Armed Assault	42669
Assassination	19312
Hostage Taking	11158
Facility/Infrastructure	10356

Explosives	92426
Firearms	58524
Incendiary	11135
Melee	3655
Chemical	321

Number of Children	Count
0	7478
1	5613
2	4555
3	3351
4	3288

