

Capstone Project Submission

Instructions:

- i) Please fill in all the required information.
- ii) Avoid grammatical errors.

Team Member's Name, Email and Contribution:		
NAMES	E-MAIL	CONTRIBUTION
Charan	charanbzact9865@gmail.com	All project worked

Please paste the GitHub Repo link.

GitHub link:-
<https://github.com/Charanpoojary/Global-terrorism-analysis>

Please write a short summary of your Capstone project and its components. Describe the problem statement, your approaches and your conclusions. (200-400 words)

We hereby present the summary of the project with the title “**GLOBAL TERRORISM ANALYSIS**”.

The Global Terrorism Database is an open-source database comprising of all the terrorist activities around the world from the year 1970 to 2017. It includes more than 180,000 attacks. This database contains more than 180000 rows and 135 columns.

Here we have used libraries like Pandas and NumPy to analyze the data, and Matplotlib, Seaborn and Folium for visualizing the data.

Firstly, the data is loaded using the pandas library, then we use shape () and describe () methods for the basic understanding of the database. Before jumping to the exploration stage, we perform some basic data pre-processing methods like null value imputation and removal of unwanted data. In order to create a curated dataset, we rename all the columns post null-value treatment and drop the unwanted columns.

Now our analytics come into picture. The deep study of the dataset helped us in making different operations to derive a set of important observations which encapsulate many crucial facts about the terrorism and its wide impacts.

The analysis of ‘most type’ variables such as **the most attacked country, the most attacked region, the most active terrorist group, the set of weapons mostly used, year with most attacks and the country with most killed peoples etc.** We provided a beautiful pictorial representation of our observations which include bar plots, pie charts, line charts, histograms and heatmaps and maps.

From the analysis, we came to know that attacks slowly started increasing from 1972 until 1993. Then the rise took a great leap from 2011 to 2014 and then slowly decreased. The most attacks were done in May 2014.

The country with the most attacks is Iraq. In the 1970s we can see that most terrorist attacks occurred in Western Europe followed by Latin and South America in the 1980s.

Most of the terrorist gangs targeted the private citizens and property followed by the military, police and government.

In most attacks the weapons used by terrorists were bombing/Explosion followed and armed assault.

Maximum terrorist attacks are unknown. These unknown attacks made a huge loss and this is the only reason the attacks consistently kept their track and caused a great human and property loss as they were not recognized. The terrorist group causing most attacks is ISIL as per the records then Taliban.

Our country India was also badly affected by this massacre. Total 10491 people were killed. Whereas Pakistan stands on the second number in the global human loss. 12756 people were killed in these attacks in Pakistan. Whereas in Afghanistan 10871 people were killed.

Overall, the middle east area was broadly affected and was looted. Whereas the UK was the safest country.

To get rid of such a huge problem it's very important to understand key factors threshing towards this problem. As it has been a kind of deadlock which is pushing the developing countries down and making them handicapped from standing in the rows of the other developed countries.

Come ahead, hand in hand, beware and be brave and fight against the Terrorism.

- Charan