Today as we all know Terrorism is global phenomenon. In this project, we tried to explore a dataset containing information about global terrorism acts since 1970, and attempted to make the findings as visual as possible. The dataset used is called the Global Terrorism Database, and contains over 100,000 terrorist incidents worldwide, with over 100 different attributes for each incident. The results include 7 plots in total. All of them being both very interesting and informative !

The pre or (zero) part of this project before EDA was to familiarize ourselves with the dataset in order to analyse or get some insights from the huge set of data.

As the first step we started with Data Wrangling over the raw chunks of data, the process of which includes searching for and getting the sum of total null values present in the data set, renaming some of the columns and selecting only the columns which are necessary and filling suitable missing data.

With all of the time series information and geographical information, we knew that the best and most interesting way to understand this data would be by using visualizations.

So in the next step we started with country wise attacks analysis, through this we concluded the country which is under severe threat.

Followed by month wise attack analysis, through which we found out the particular month or time of the year in which the terrorists were most active.

Further in the groupwise attacks analysis a bar-graph was plotted considering different terrorists groups active and the number of attacks, we found which group was responsible for most number of attacks.

In the next step of region wise attacks analysis, we plotted a heat-map ranging from year 1970-2020 through we could clearly identify the region which is unde most number of attacks and also the regions which are under constant threat.

Further in the next step, of number of killings by attacks analysis we plotted a bar-graph of the number of deaths each year caused by terrorist attacks. Here we could identify a stark rise in number of deaths in a particular year.

Also we plotted a bar graph indicating the number of deaths caused vs the type of attacks. Through which we found out a stark difference in the methods of attacks and also the damage caused by different methods, which could also help us in identifying and preventing further attacks.

Contributor Roles:

1. **Mayur Pranade**:
   1. Data Wrangling
      1. Null values identification and replacement
      2. Chunking out non important data
   2. Country wise attacks data
   3. Month wise attacks data
2. **Praful M.Gedam :** 
   1. Data Wrangling
      1. Renaming important data
      2. Heat map of null value
   2. Group wise attacks data
   3. Year wise data
3. Shubham shrivastava
   1. Region wise attacks data
   2. Target type data
   3. attack by year data
4. **Prasad I Ganachari:** 
   1. Attack type data
   2. Weapon type data
   3. Deaths by year data.

**Githublink:** https://github.com/PrafulGedam/prafulproject/blob/main/README.md

Drivelink: https://drive.google.com/drive/folders/1N0ltZDB29oM217-NlBeOeiB\_DGrQHB7S