**Global Terrorism Analysis**

**Abstract:**

Terrorists keep on preparing for the attacks and keep on targeting the people and communities again and again with the motives that makes them feel are good and this cause a lot of casualties with a lot of people suffer and loss of properties worth billions which indirectly impact the economy as well of the local and global level.

Here, we will try to analyses the data in a way that we can help the countries and global organizations reduce such sort of attacks and make the environment of their country more peaceful.

**1.Problem Statement**

Data provided by World Organization about all the terrorist activities that have been happening in last 50 years or so where we

can see the impacted regions and people who are responsible for such vicious activities. Here our aim is to find the reasons and people responsible for such activities so as that proper measures can be taken against the responsible groups and things can be controlled or put to an end

* Attacktyp1\_txt: What sort of attack was conducted
* Trgtype1\_txt: Who was the prime target
* Natlty1\_txt: What was the nationality of the attacker
* Weaptyp1\_txtWhat type of weapon was used
* Success: Whether the attack was successful or was a failed attempt
* Motive: Motive behind the attack
* Iyear: Year of the attacks happening across the globe
* Imonth : Month that has been active in the terrorist activities
* Country\_txt: Country that has suffered the attacks
* Region\_txt: Region that has suffered the attacks basically the continent under attack
* provstate: State of the country under attack
* City: Particular city that has been under attack

**2. Introduction**

### The attacks are organized by the different groups regularly in the different parts of the world and their reasons and motives are mentioned in the columns named as **Motive, Weapon Used, Success attempts** that will help us get an insight of all the vital details and we can then come to a conclusion as how to deal with such things

## **3. Reasons for terrorist attacks**

The reasons for terrorist attacks are:

* Regional differences
* Political differences
* Racial attacks
* Ransoms

**4. Steps involved:**

* **Exploratory Data Analysis**

After loading the dataset we performed this method by analyzing our variables that are important for inferencing the results and can be potent. This process helped us figuring out various aspects and relationships between various features It gave us a better idea of which feature can be corelated to the another feature in some way

* **Null values Treatment**

Our dataset contains a large number of null values which might tend to disturb our accuracy hence we dropped them at the beginning of our project in order to get a better result.

* **Analyzing the data**

We then used the best possible scenarios to analyze the data in a way that it provides us with the best possible solutions of the issues and also help us get to a conclusion and depth of the root making it valuable for future decision making

* **Creating and dropping columns**

We checked the columns that would be best for our analysis and kept them for our analysis and also in order to make the columns meaningful we created some new columns from the existing columns so that data can be understood in much more efficient way without any confusion

* **Visual Selection**

In order to make our data presented in an efficient manner so that one can understand the conclusion we have tried to select the bet possible visualization template like bar Chart, Stacked Bar Chart, Pie Chart

* **Conclusions**

We have made the conclusions out of the analysis that what is the trend of attacks and what is the impact of such attacks which can help the respective governments to deal with them in much efficient manner