Exploratory Data Analysis on Global Terrorism Data

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The aim of this analysis is to:

1. Gain a deep insight into interesting patterns by analysing the internet corpus with mitigation strategies.
2. Study the trends in the global terrorism data with respect to different dimensions.
3. Visualize the information in an easily digestable format

Introduction

Terrorism is the use of criminal violence to create a climate of fear, attract publicity with the goal of achieving political or religious objectives. The term also refers to a political or religious agenda based noncombatants (having peaceful or strong inactive (mostly civilians and neutral military personnel).

Terrorism criteria

Only data that satisfies the following three criteria, define an act of terrorism.

1. POLITICAL, ECONOMIC, RELIGIOUS, OR SOCIAL GOAL

The act must be aimed at one or more goals of a political, economic, religious, or social goal. This criterion is not satisfied if those cases where the perpetrators called out of a social profit motive or from an idiosyncratic personal motive unconnected with political change.

2. INTENTION TO COERCE, INTIMIDATE OR PUBLICIZE TO LARGER AUDIENCE(S)

The act must be aimed at the immediate victims as a means to persuade a larger audience or crimes some other message to a larger audience (or audiences). This criterion is satisfied if the act is intended to influence the behaviour of the following one, or (as above) nonterrorist by the perpetrator(s) just because by the perpetrators, or the particular victim or victims are symbolic, or stand for, some.

3. OUTSIDE INTERNATIONAL HUMANITARIAN LAW

The action is outside the context of legitimate warfare activities, insofar as it targets non-combatants (i.e. the act must be outside the parameters imposed by the International Humanitarian Law as reflected in the Additional Protocol to the Geneva Conventions of 12 August 1949 and interpreted.

Preliminary Tools and Data Preparation

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Importing required packages, loading the dataset and cleaning the dataset(if required).
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