**Exploratory analysis – Terrorism**

Introduction to Project: Exploratory Analysis on Terrorism Attacks between 1970 and 2017

Terrorism has become a global phenomenon, posing a significant threat to human security and stability. Understanding the patterns and trends of terrorist activities is crucial for developing effective counterterrorism strategies. The Global Terrorism Database (GTD) provides a comprehensive dataset on terrorist attacks around the world from 1970 to 2017, offering a valuable resource for exploring and analysing these events.

This project aims to conduct an exploratory analysis of the GTD dataset to uncover key findings pertaining to terrorist activities. The analysis will focus on various aspects of terrorism, including:

* Trends in the number and frequency of terrorist attacks over time
* Geographical distribution of terrorist attacks
* Types of weapons and tactics used in terrorist attacks
* Targets of terrorist attacks
* Casualties and economic impacts of terrorist attacks
* Perpetrators of terrorist attacks
* Motivations behind terrorist attacks

By examining these factors, the project seeks to gain a deeper understanding of the nature of terrorism and its evolving patterns. The insights gained from the analysis can inform policymakers, security agencies, and researchers in developing more effective prevention and mitigation strategies.

The project will utilize a range of exploratory data analysis techniques, including data visualization, descriptive statistics, and correlation analysis. These techniques will help identify patterns, trends, and relationships within the data, providing a comprehensive overview of terrorist activities between 1970 and 2017.

The findings from this project will contribute to the broader understanding of terrorism and its impact on global security. The insights gained can inform counterterrorism efforts, promote public awareness, and foster a more peaceful and secure world.