**Title: Predictive Analysis of Terrorism Activities for Effective Resource Allocation**

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**Description:**

The goal of this project is to develop a predictive model that will help governments allocate their defense and police forces in a more effective way to combat terrorism activities. We will use datasets of past terrorism events and analyze the patterns to predict future occurrences. Our analysis will suggest which forms of terrorism governments should focus on (example: political, governmental attacks, religious) and which locations require more attention to prevent future attacks. This project aims to provide a valuable tool for countries to help them optimize their resources in the fight against terrorism.

**Objectives:**

* Analyze crime and terrorism activity during holiday seasons using datasets from previous events.
* Train machine learning models to predict future terrorism events based on dates and location.
* Identify the types of terrorism activities that are most likely to occur during holiday seasons.
* Suggest to governments how to divide their police/defense forces to prevent future terrorism events based on the analysis.

**Methods:**

* Data collection: Collect datasets from previous crime and terrorism events during holiday seasons, and other relevant data sources.
* Data preprocessing: Clean, transform, and preprocess the data to make it suitable for analysis and modeling.
* Exploratory data analysis: Analyze the data to identify patterns, trends, and relationships between different variables.
* Machine learning modeling: Train machine learning models to predict future terrorism events based on dates and location.
* Feature selection: Identify the most relevant features that contribute to predicting future terrorism events.
* Suggestions for governments: Suggest to governments on how to divide their police/defense forces to prevent future terrorism events based on the analysis.

**Dataset:**

# The project will use the Global Terrorism Database (More than 180,000 terrorist attacks worldwide, 1970-2017) publicly available from Kaggle. We will be using specific variables in order to attain our objectives.

**Techniques/Platforms:**

We plan to use data exploration and visualization techniques, statistical analysis, machine learning algorithms, and possibly mapping tools to analyze and visualize the data. We will use programming languages such as Python with Jupyter Notebook through Google Collab.

**Expected Results:**

The project is expected to produce machine learning models that can accurately predict future terrorism events based on dates and location. The project will also provide insights into the types of terrorism activities that are most likely to occur during holiday seasons and suggest to governments on how to divide their police/defense forces to prevent such events from happening.