**Goals:**

* The goal is to visualize the distribution of terrorist attacks (from 1970 to 2017) across the world.
* To provide interactive hover information that displays the exact attack count for each country.

A map of the world

Description automatically generated

**Insight:**

* The choropleth map effectively highlights the global distribution of terrorist attacks. Hovering over a country we can see the precise attack count.
* Upon observing we can see that the countries with the highest number of terrorist attacks are concentrated in the Middle East, South Asia, and North Africa.
* Some of the countries with the highest numbers of attacks include Iraq: 213,279 attacks, Afghanistan: 83.661 attacks, Pakistan: 65,860 attacks, India: 48.321 attacks.

**Data abstraction:**

* **Dataset Type:** Tabular data (CSV file)
  + **Item:** Terrorist incident
  + **Attributes:**
    - Country (Country, Region, City, latitude, longitude): Used to define the different geographical areas on the world map.
    - Attack Count (Killed, Wounded, AttackType, Target, Group, extended, Target\_Type, Weapon\_Type, Motive): The main numerical value that uses different shades of red color (the intensity of the color corresponds to the number of attacks) to scale on the choropleth map.
    - Year (Year, Month, Day)**:** Uses data from all the available years.

**Task abstraction:**

* **Identification:** Visually, the area with a more intense red colour indicates the region has a high concentration of attacks. By looking at the choropleth map, viewers can quickly identify countries with the highest number of terrorist attacks.
* **Comparison:** Viewers can compare the colour intensity between countries and understand the amount of impact in terms of the number of attacks.
* **Analysis:** By hovering over a country, viewers can see the exact number of attacks on a country which can be used by analysts to study patterns.

**Additional data source:** There is no additional data source used other than the original dataset from Kaggle called “Global Terrorism Database” (<https://www.kaggle.com/datasets/START-UMD/gtd/data>).