Capstone Project

Terrorism Around The Globe

Content

Analysis Based on:

- Region
- Country
- City
- Year

Trends:

- Characteristic of Terrorist Activity
- Terrorist Group Trend
- Type of Attack Trend in Region

Terrorism In India:

- State Wise
- Active Terrorist Groups in India

The Application:

Conclusion:

Problem Statements

- Analysis based on global terrorism by year.
- Analysis based on terrorist activities.
- Analysis based on Indian terrorist group.
- An application, which helps us to fetch information about terrorism.

Data Summary

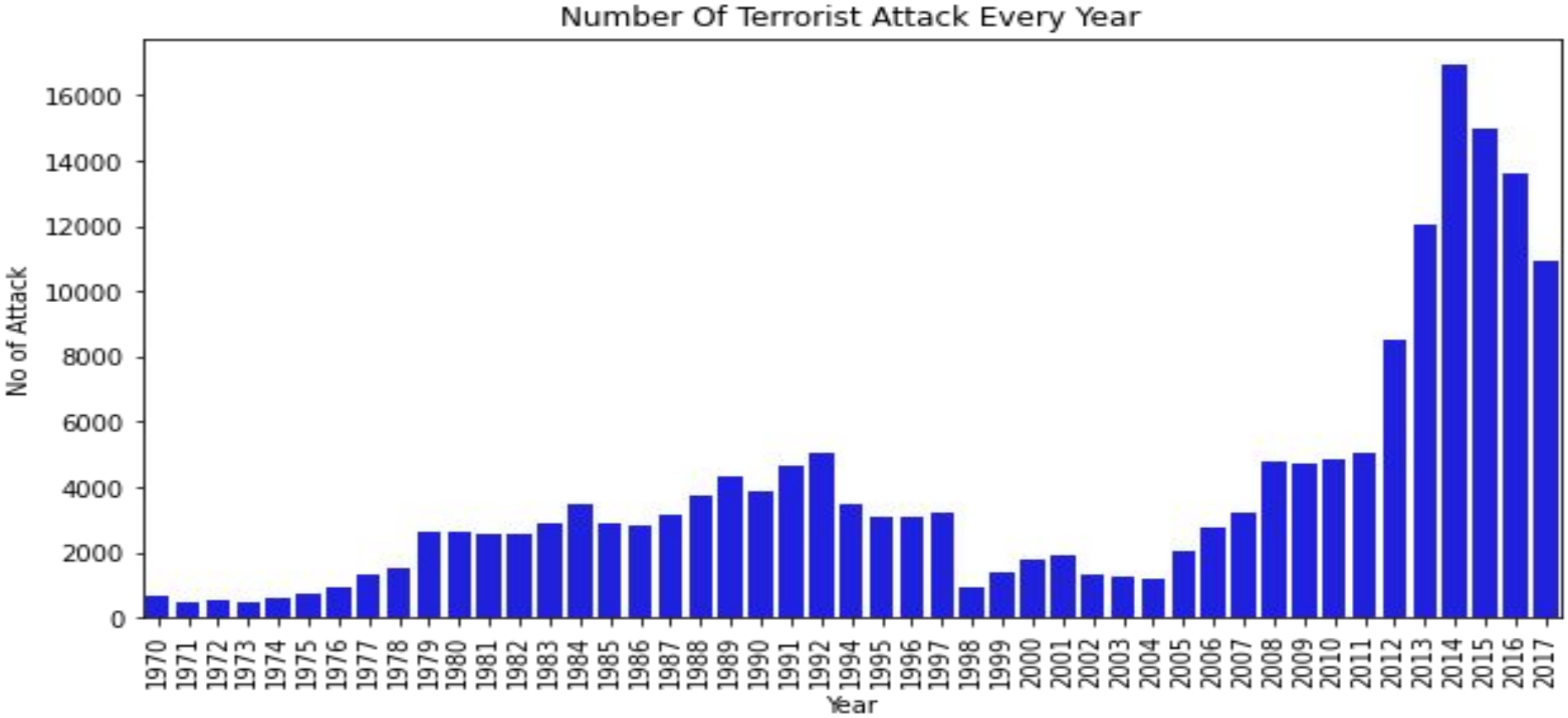
Data set name-- Global Terrorism Database (GTD) including information on terrorist attacks around the world from 1970 to 2017.

Shape--

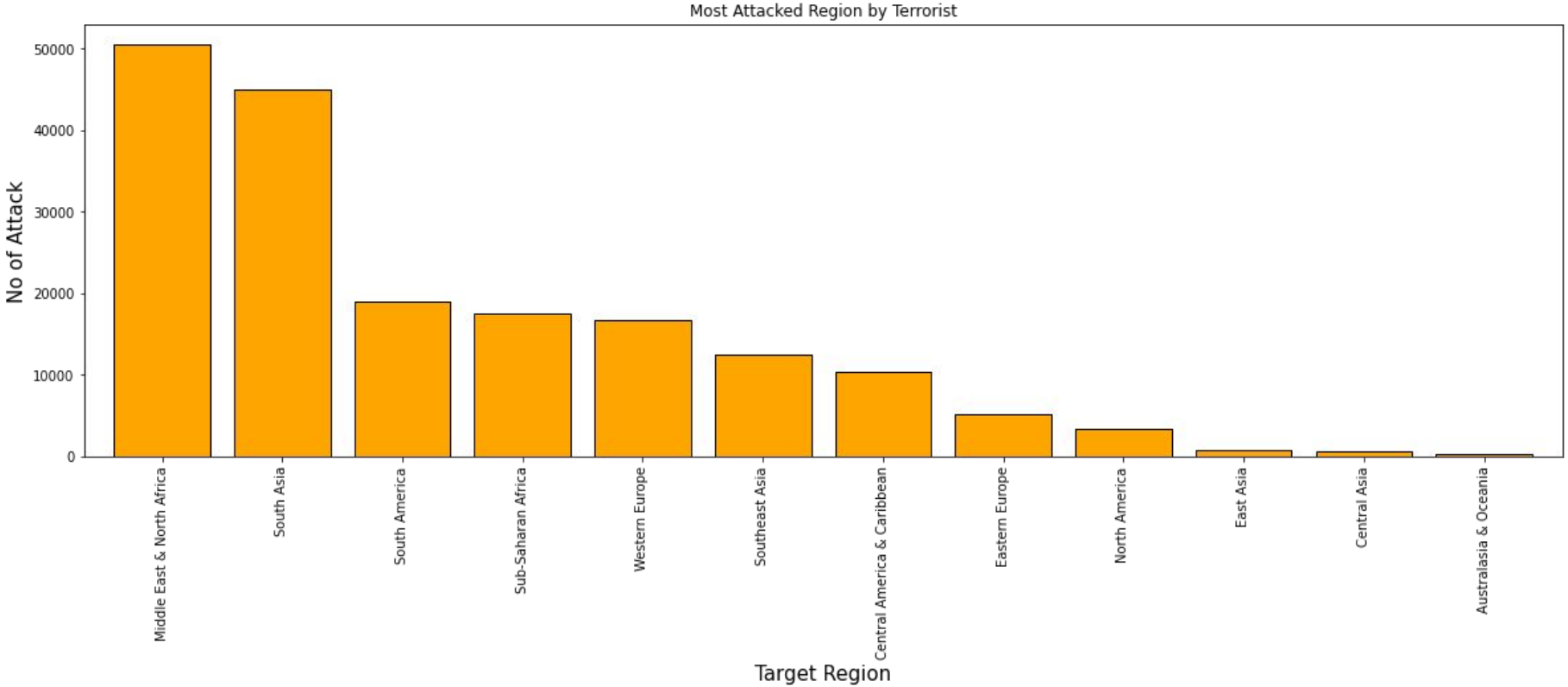
- Rows- 181691
- Columns-135

Important Columns-- Year, Month, Day, Country, Region, Attack Type, Target, Killed, Wounded, Summary, Group, Target_type, Weapon_type

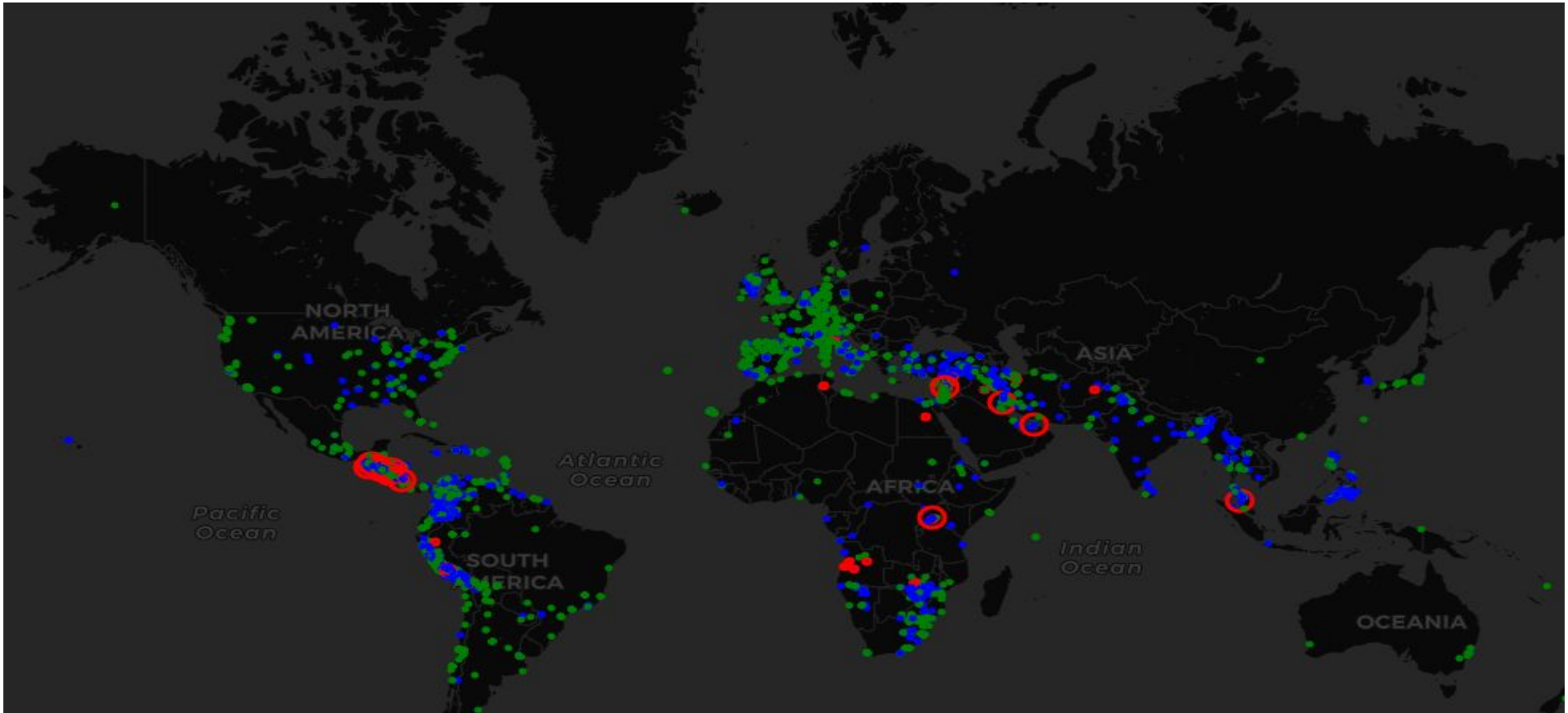
Analysis Based on Year



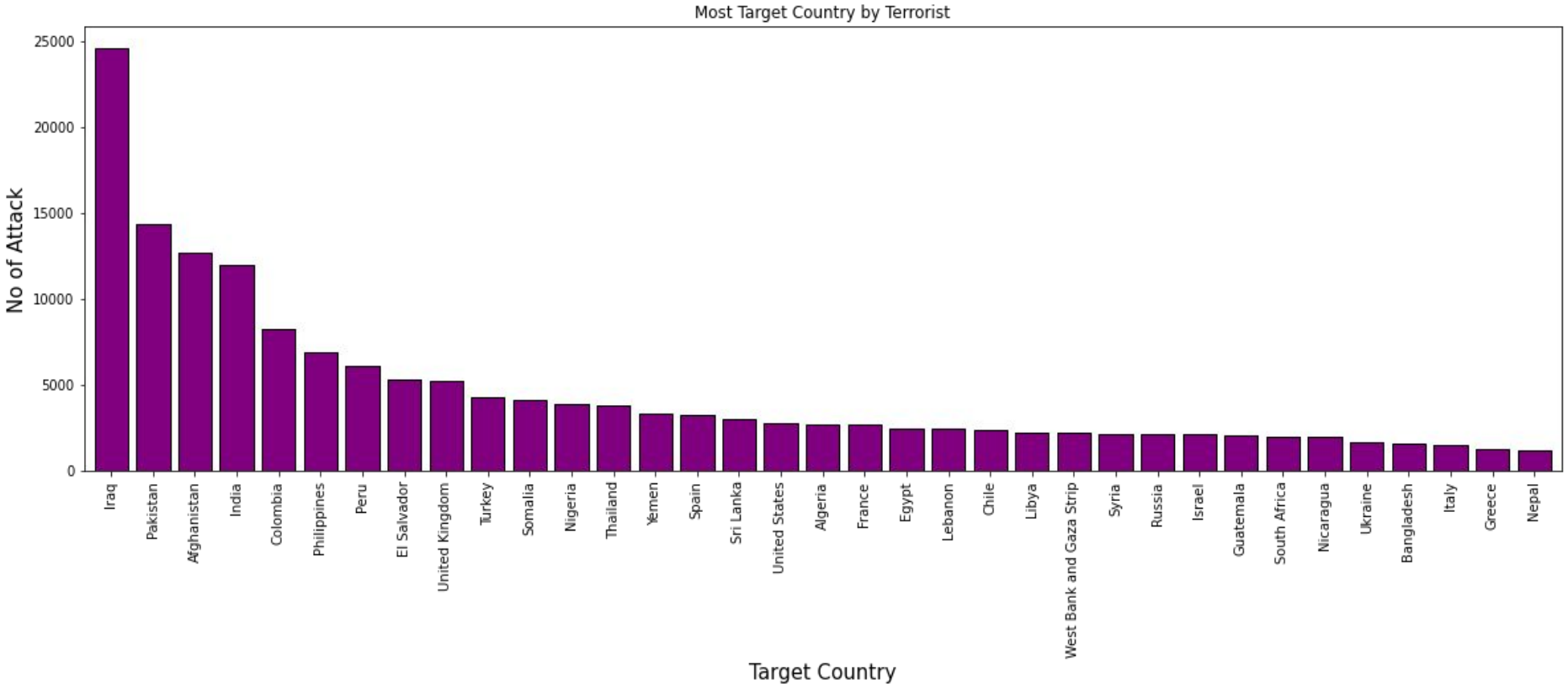
Analysis on Region



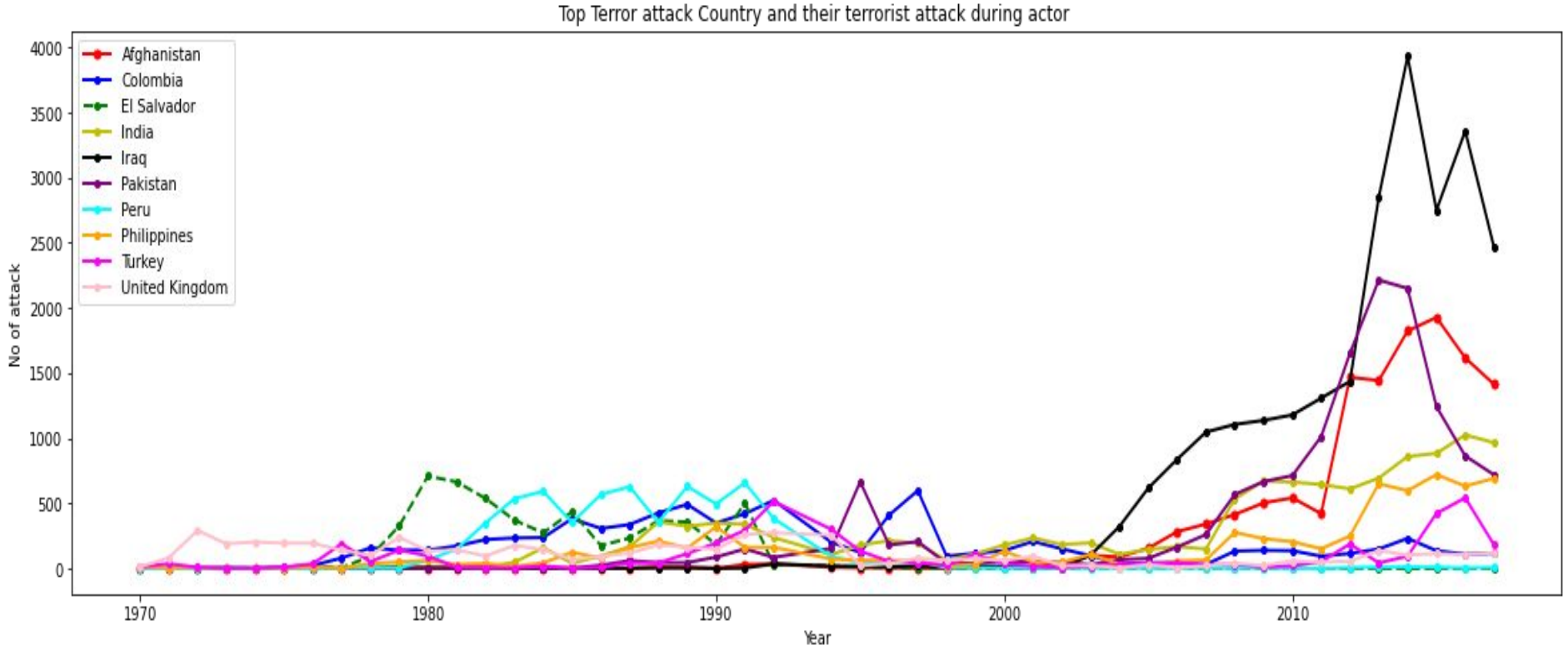
Analysis on Region By World Map



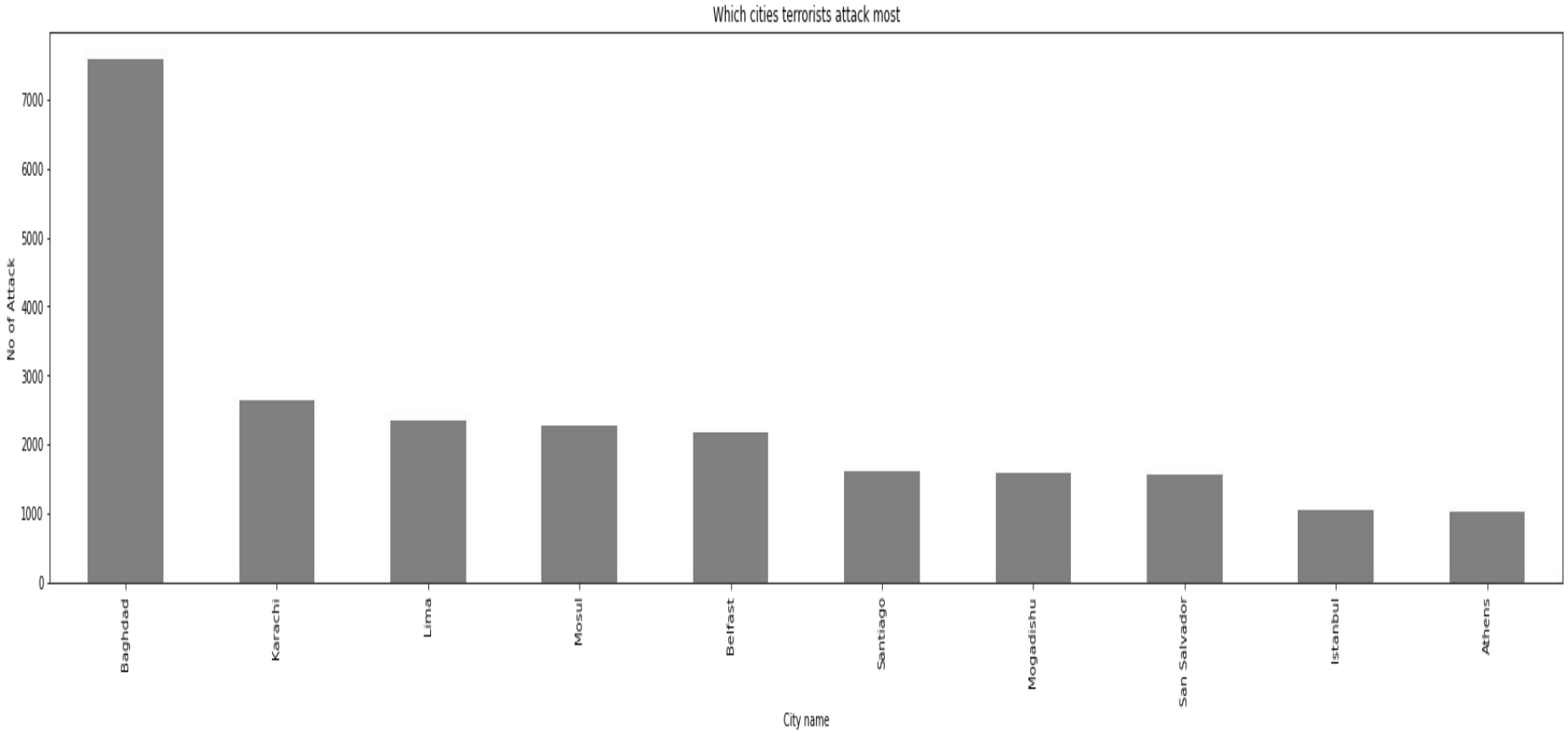
Analysis on Country



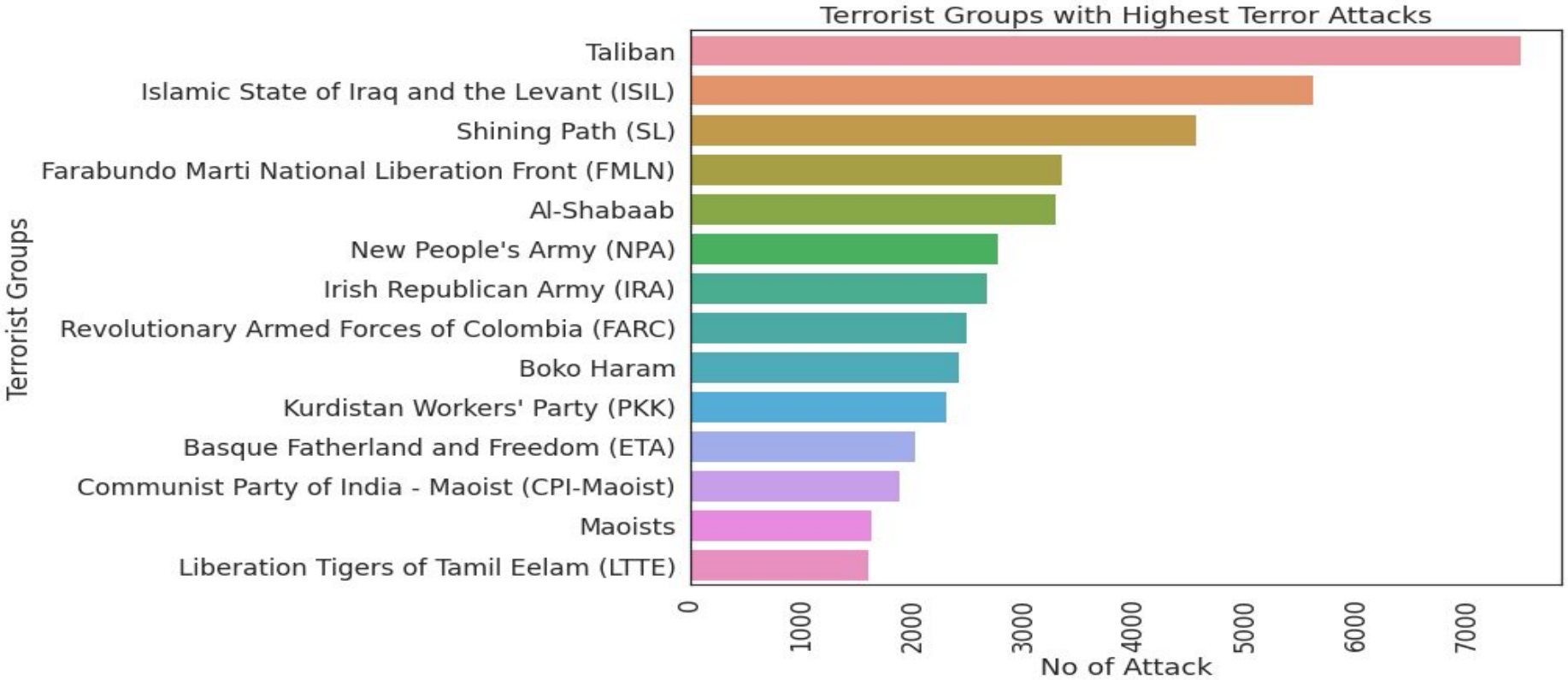
Analysis on Country in Year



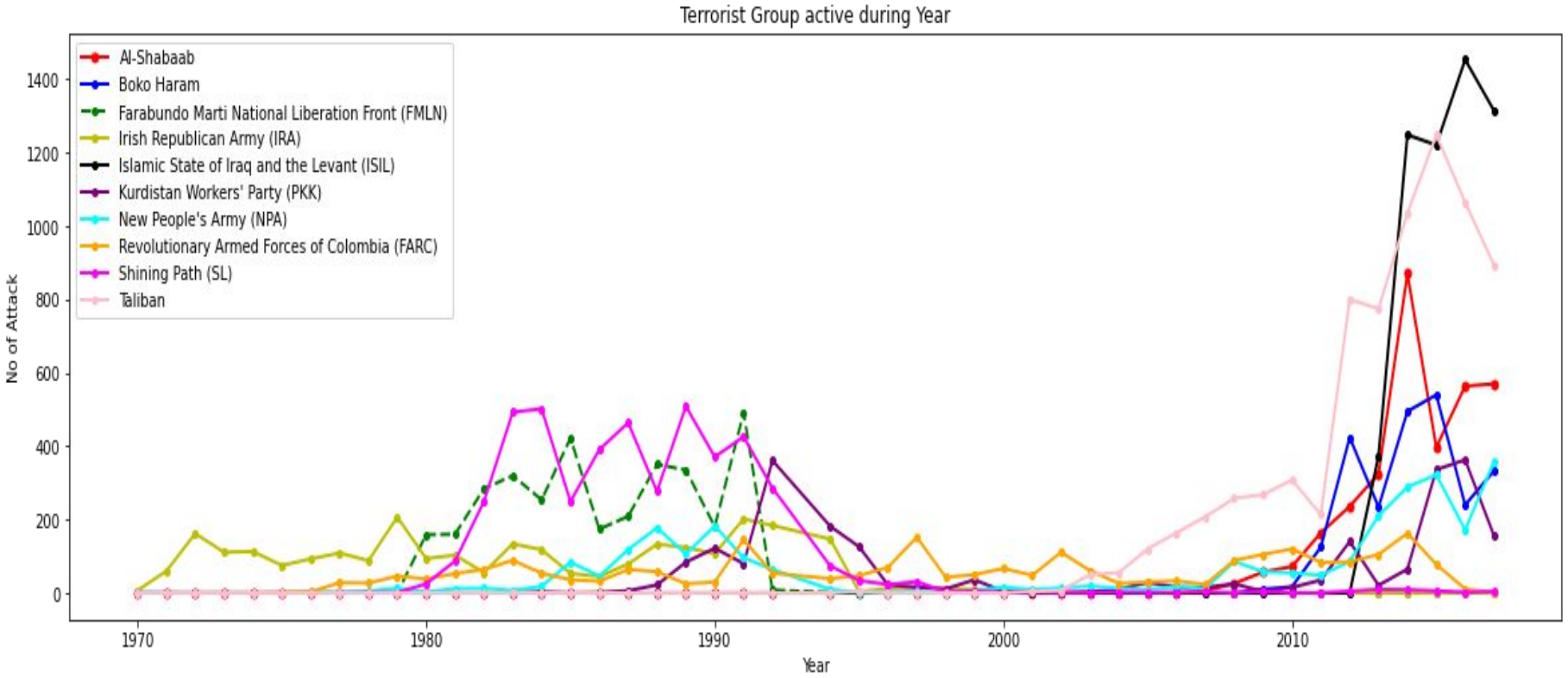
Analysis on City



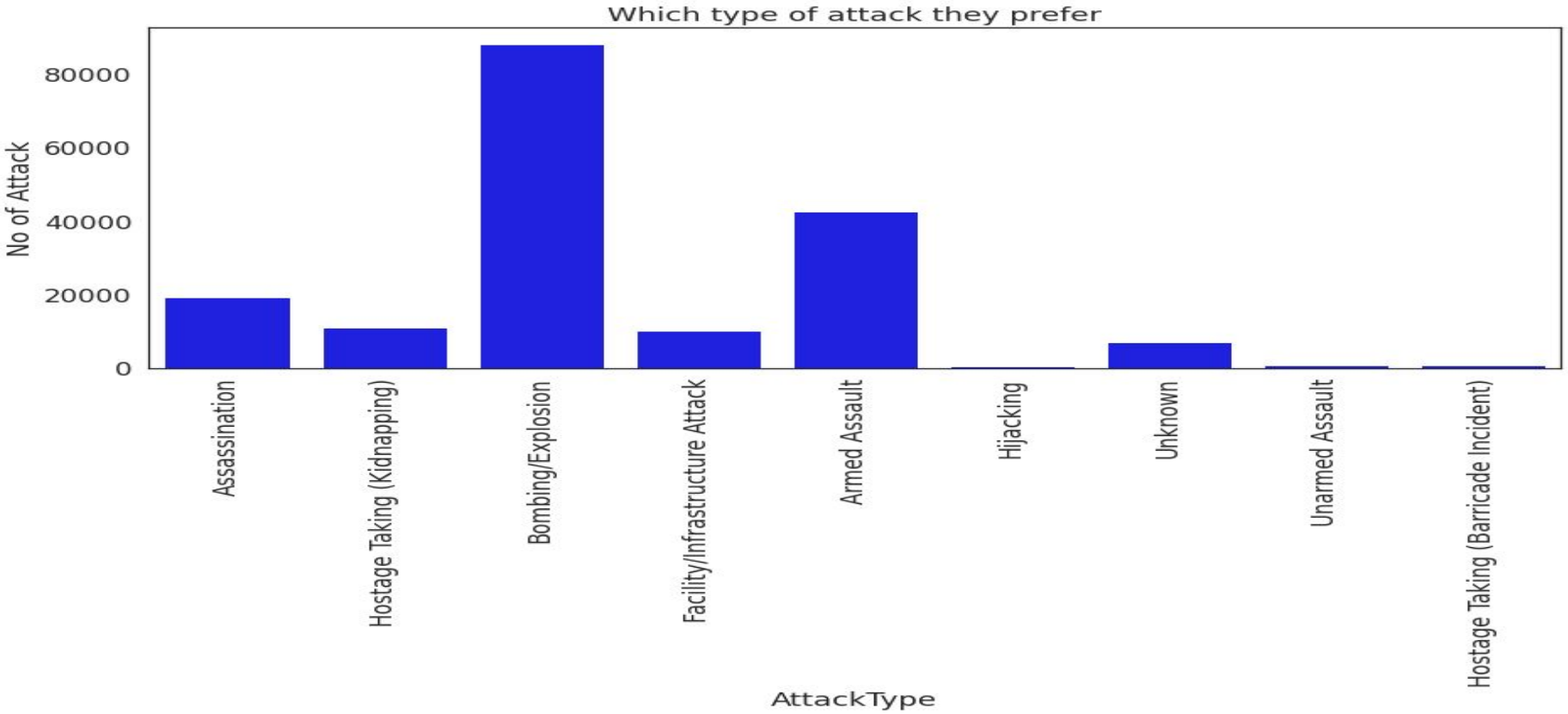
Characteristic of Terrorist Activities



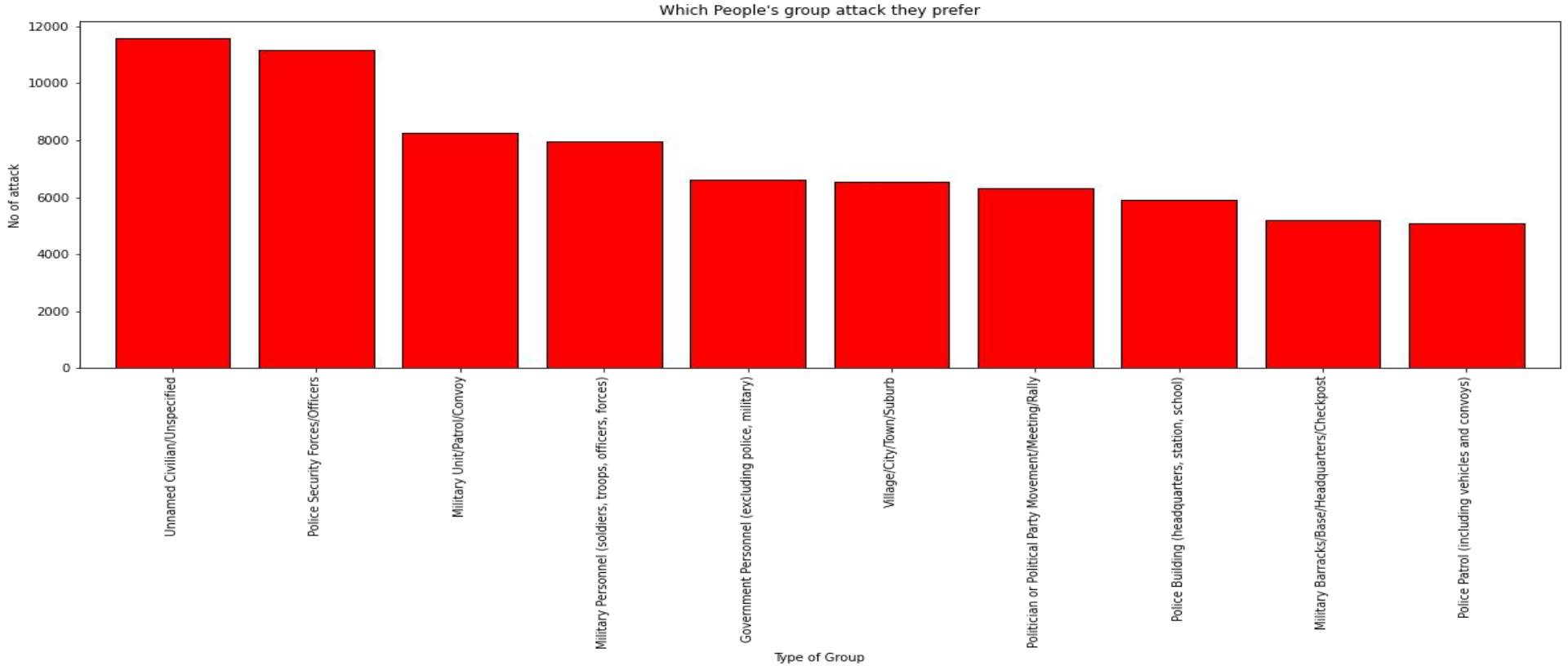
Characteristic of Terrorist Activities (Year)



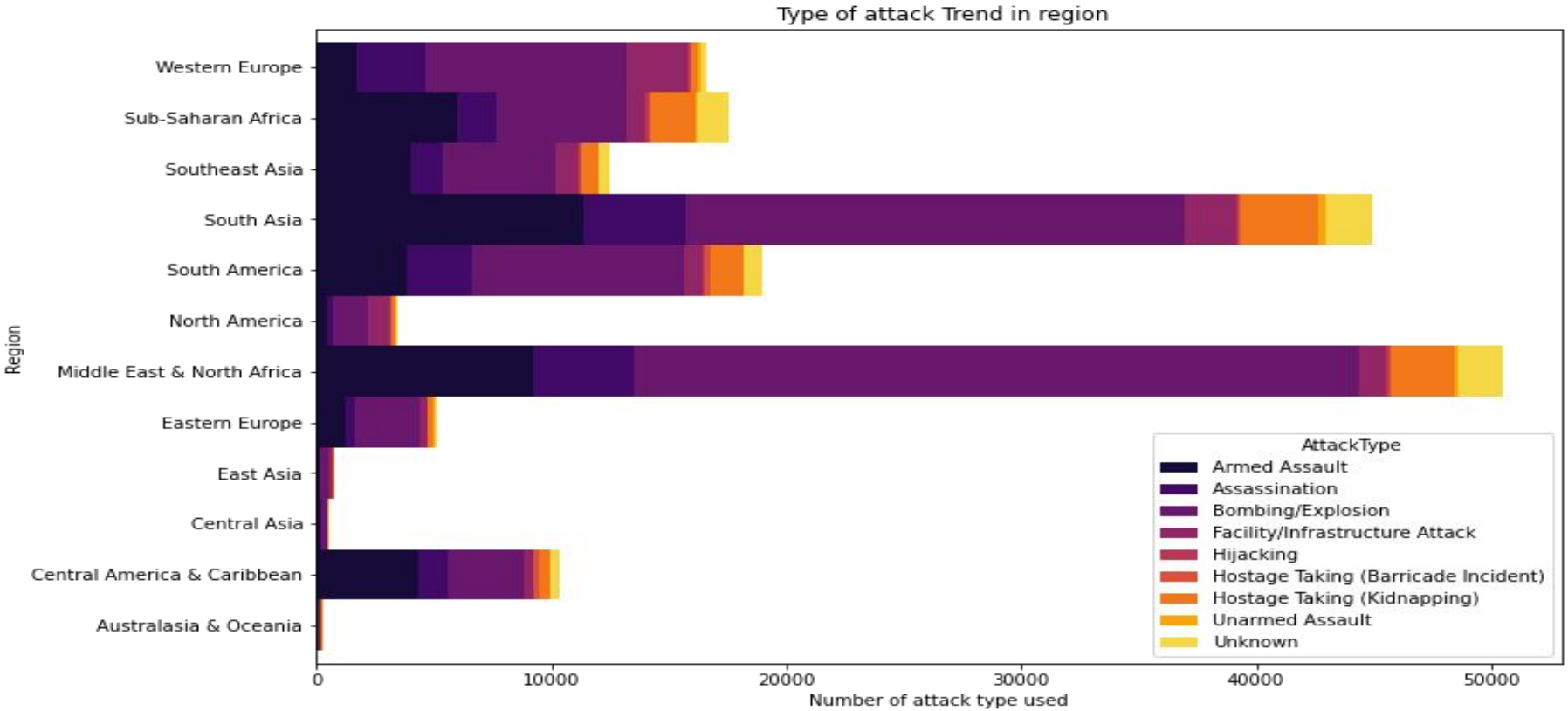
Terrorist Group Trend



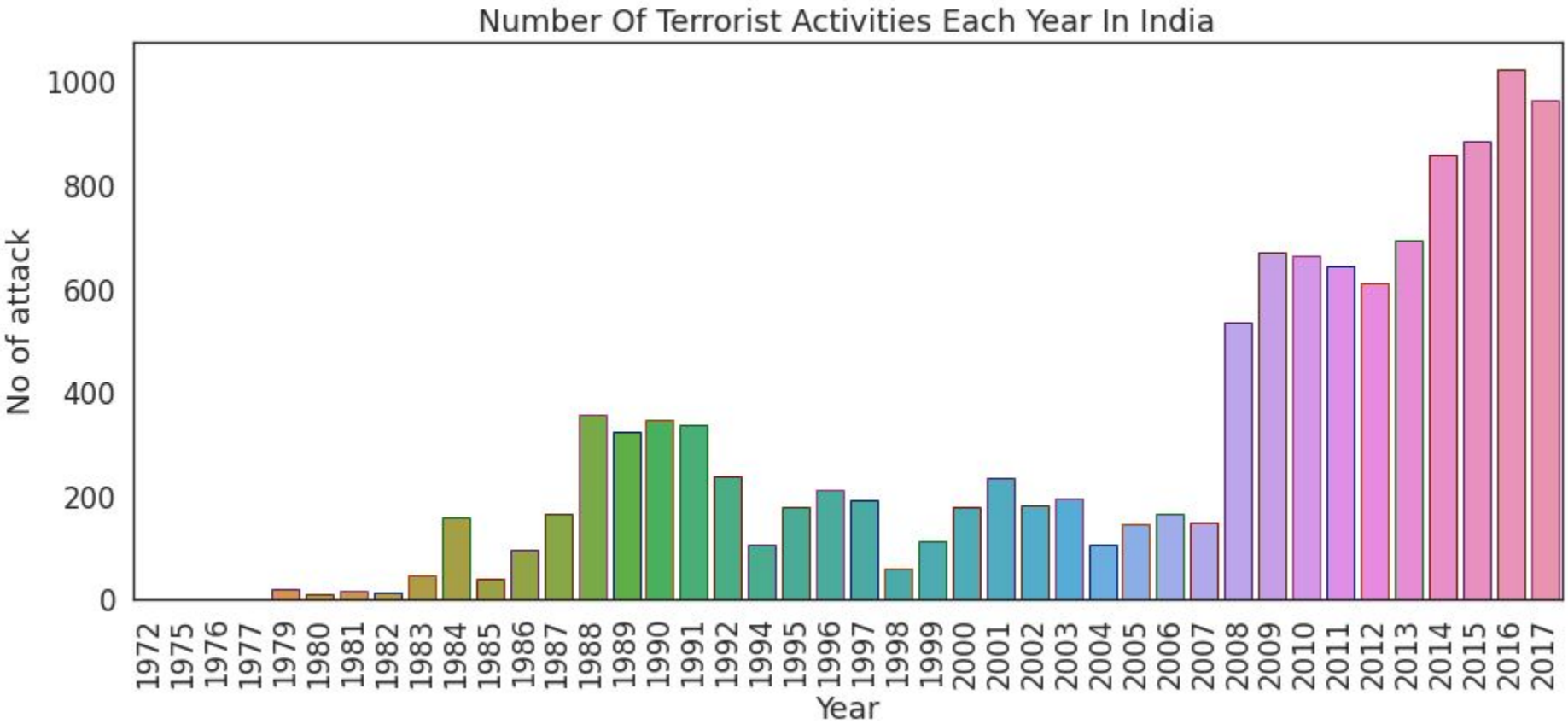
Terrorist Group Trend by Target Type



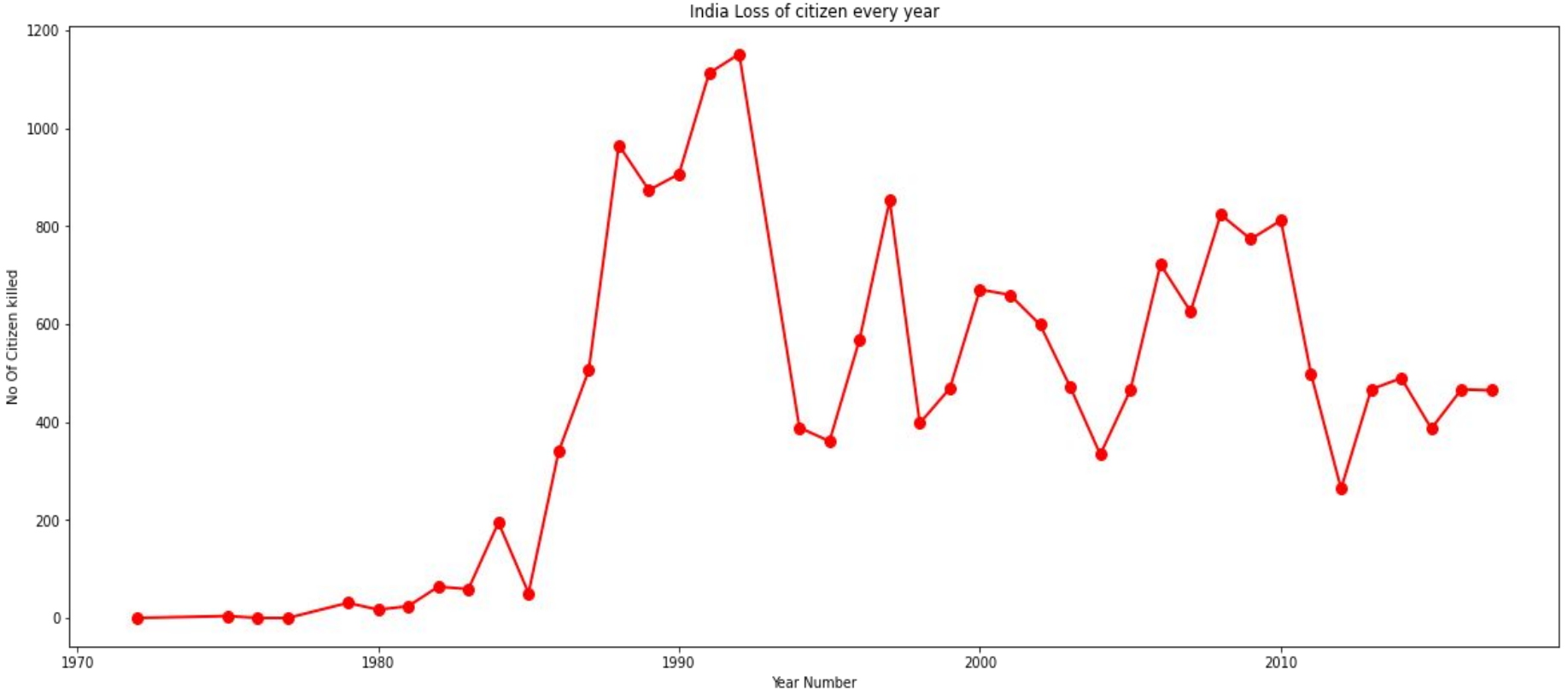
Type of Attack Trend in Region



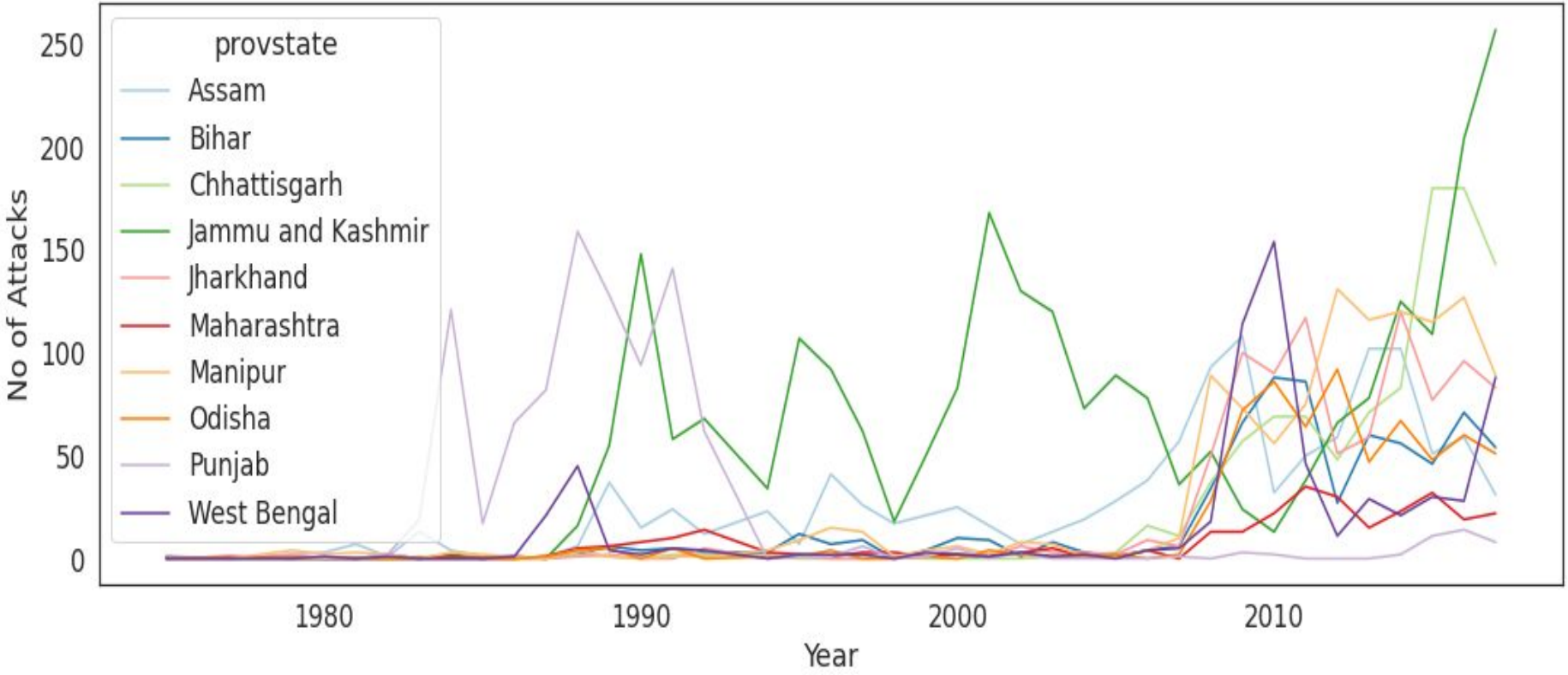
Terrorism In India



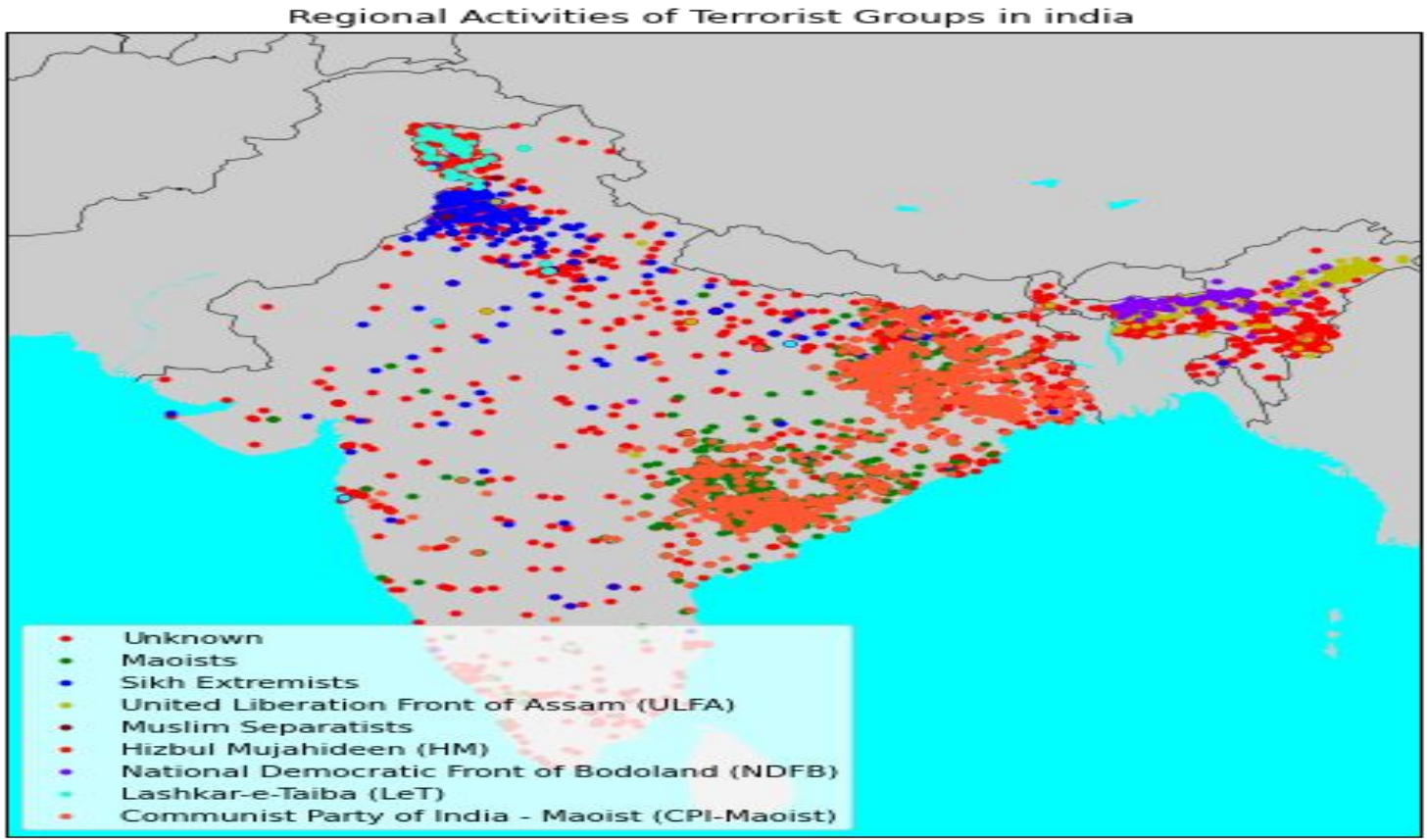
Terrorism In India (Victims)



Terrorism In Indian State



Active Terrorist Groups in India



The application gives us detailed plots for terrorism. And tell us which country safe or not.

Challenges

- Difficult to recognize so many columns names like -INT_ISC,INT_LOG etc.
- Lots Of NaN values in data set.
- Difficult to plot geomap due to lack of location information.
- Lots of information is in gibberish form.
- Due to large data set it takes time to load.
- We faced lots of issues while loading packages for maps.

Conclusion

- It is visible that the Middle-East and Southern-Asia are the regions with highest terrorist activities.
- Iraq has witnessed a very large number of terrorist activities followed by Pakistan.
- It seems like Taliban, ISIL, SL, Al-Shabab, NPA the most active and notorious groups.
- We can easily see that there was a massive increase in killings in terrorist activities in the years from (2012 -2016).
- The Irish Republican Army(IRA), is the oldest terrorist group started back in the 1960-1970
- Mostly terrorist groups target civilians/security services with Bombing/Explosives.

Q & A