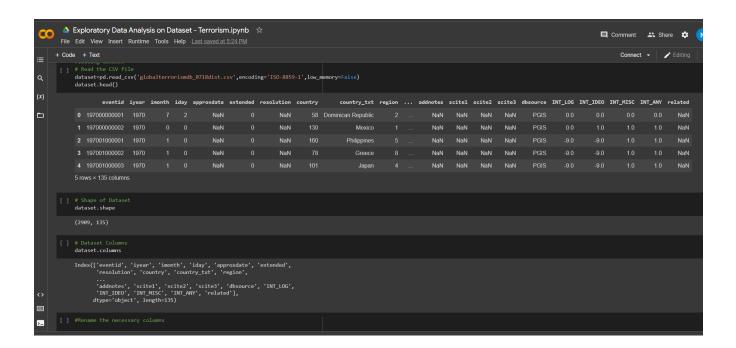
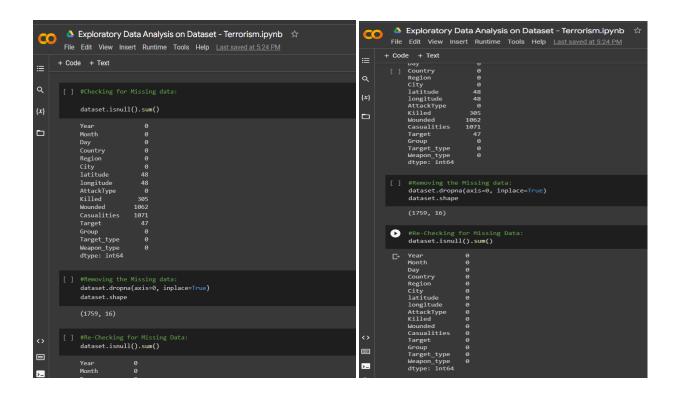
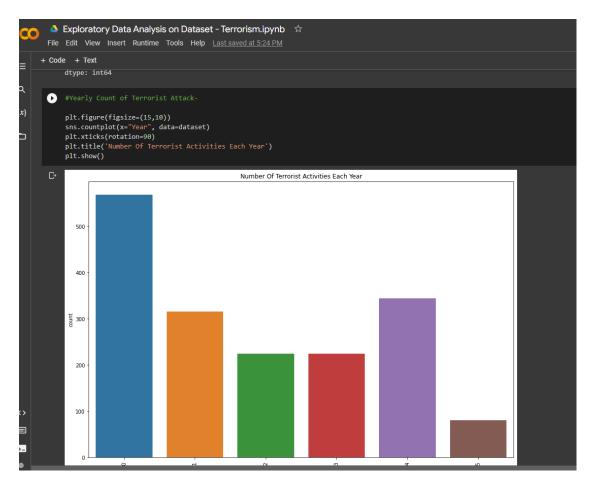
Exploratory Data Analysis on Dataset – Terrorism

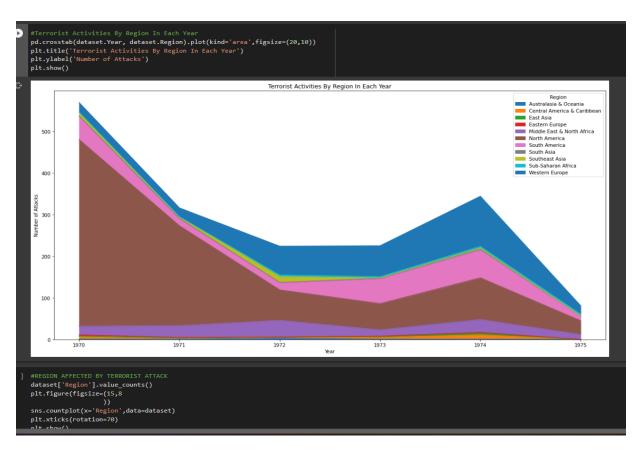
Exploratory Data Analysis Exploratory Data Analysis (EDA) refers to the critical process of performing initial investigations on data so as to discover patterns, to spot anomalies, to test hypothesis and to check assumptions with the help of summary statistics and graphical representations. Exploratory Data Analysis (EDA) is an approach to analyze the data using visual techniques. It is used to discover trends, patterns, or to check assumptions with the help of statistical summary and graphical representations. import numpy as np import pandas as pd import matplotlib.pyplot as plt import matplotlib.patches as mpatches import seaborn as sns %matplotlib inline import plotly.express as px import plotly.graph_objects as go from collections import Counter import warnings warnings.filterwarnings('ignore') # Read the CSV file dataset=pd.read_csv('globalterrorismdb_0718dist.csv',encoding='ISO-8859-1',low_memory=False) dataset.head()

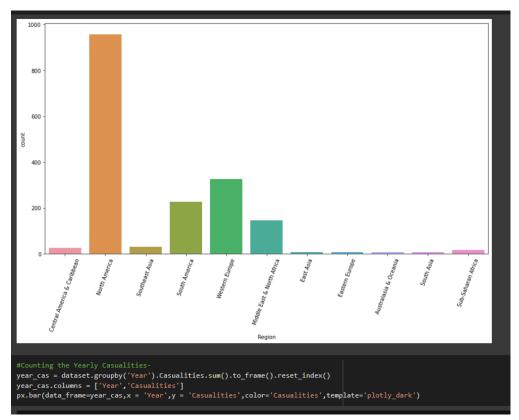


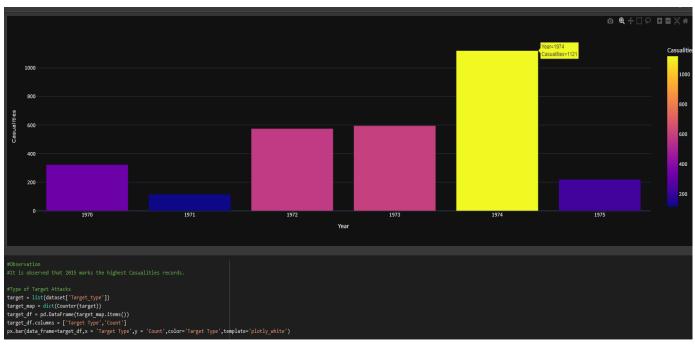


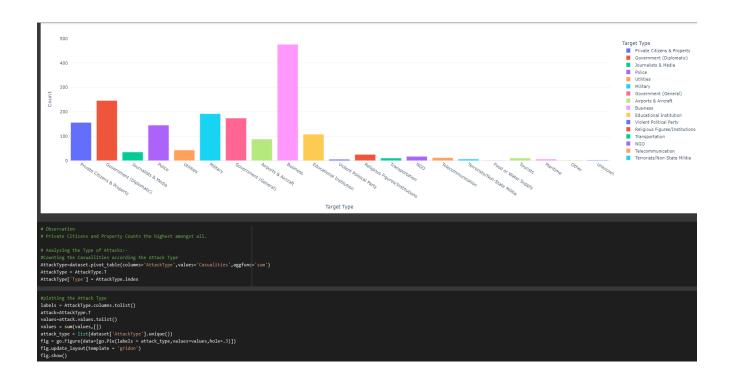


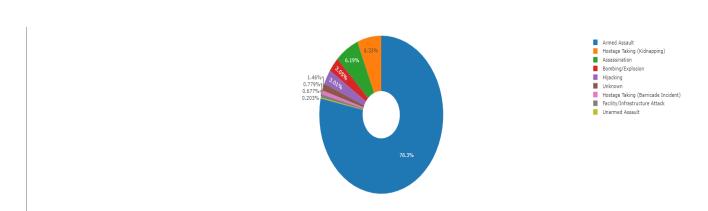












```
# Observation

# Bombing and Explosion method shows the highest chossen type.

# Count of Neapon Chosen for Attack.

# From collections import Counter

# values = list(dataset("AttackType") |

# value_map = dict(Counter(values))

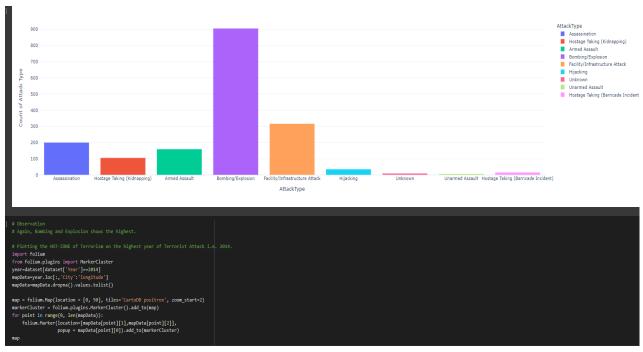
# value_map = dict(Counter(values))

# value_dataset = pd. ObstaFrame(value_map.items())

# value_dataset = pd. ObstaFrame(value_map.items())

# value_dataset.columns = ["AttackType", "Count of Attack Type", color = "AttackType", template="plotly_white")

# px.bar(data_frame=value_dataset,x = "AttackType",y = "Count of Attack Type",color = "AttackType",template="plotly_white")
```









Observation

Middle East and North Africa shows the highest followed by South Asia.

Conclusion

- Hot zones of terrorism is Middle east and North Arica so,we should focus in these region.
- · Iraq, Afganistan and Pakistan most suffered country, Government should be aware from the citizens of these countries.
- · Terrorist like to target Private citizens, Army and Police mostly, Security should be tighten in all these areas.
- BOMBING and EXPLOSIVE are most used weapon and attack type b=used by terrorist Government should tighten borders and should strict arms law.
- Most number of attacks were done by unknown group or not an group terrorist
- All country should have to make pact to to tackle terrorism because after 2005 there is rapid increase in Terrorist Activites.