**Capstone Project Submission**

**Instructions:**

i) Please fill in all the required information.

ii) Avoid grammatical errors.

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| **Team Member’s Name, Email and Contribution:** |
| **1.SHAILEE SWASTIK**  (shaileeswastik@gmail.com)  (i) Data wrangling  Maximum People Killed, Key Findings, Total Casualties  (ii) Number of Attacks in each year  (iii) Region wise attacks  (iv) Success rates of attacks by terrorist in each region  (v) Top 10 Terrorist groups who has successfully executed their attack mission  (vi) Most attack Methods used by the Terrorist groups  (vii)Formatted the Presentation (PPT)  (viii)Statistical Approach  **2. ABHISEKH PATRO**  ([aeroabhishek8@gmail.com](mailto:aeroabhishek8@gmail.com))  (i)Data wrangling  (ii)Analysis on attacks per 5 years  (iii)Top 10 of most dangerous cities in world  (iv)Technical Analysis  (v)PPT  (vi)Preparing Summary  (vii)Brainstorming ideas for analysis  **3.SOUMYA RANJAN RATH**  (soumyaranjanrath785@gmail.com)  i) Data wrangling  ii) Finding correlation between killed wounded and total casualty  iii) Region wise attacks  iv) Top ten countries attacked by terrorist groups  v) Helping in Making of power point presentation and technical documentation  vi)Making summary of our analysis  **4.ABHINASH NAYAK**  (abhinash.litu20@gmail.com)  (i)Active involvement in discussion of ideas for analysis  (ii)Data Wrangling  (iii)PPT |
| **Please paste the GitHub Repo link.** |
| GithubLink: https://github.com/Soumyaranjanrath785/EDA-project-Global-terrorism |
| **Please write a short summary of your Capstone project and its components. Describe the problem statement, your approaches and your conclusions. (200-400 words)** |
| In our Capstone project Global Terrorism, we found a problem importing the dataset as the data was imported in a non-readable format, so we had to do encoding using Latin-1 to make the data readable. After that, in the dataset, we found specific differences like there were many duplicate columns and empty cells. So, before proceeding, we removed the duplicates and filled the empty cells. We started the investigation with the number of attacks each year to understand whether attacks are increasing. Then after importing visualization libraries, we made a pictorial plot of the analysis. We saw a considerable increase in attacks after the year 2004, and 2014 had the maximum number of attacks attempted. After that, we analyzed how the regions are affected by the attacks by terrorist groups. We saw a considerable rise in attacks across the Middle East and North Africa, followed by South Asia. Then we tried to find the success rate and failure of the attacks in regions, and we analyzed the Success rates of Attacks by Terrorist groups in each region. In that analysis, we saw that Maximum Attacks successfully executed and failed by terrorists are in regions of the Middle East & North Africa. Minimum Attacks completed and failed by terrorists are in regions Australasia & Oceania. Then we analyzed the top ten countries most affected by terrorist attacks. We saw top attacked country is Iraq, followed by Pakistan and Afghanistan. After that, we wanted to analyze who are the top ten terrorist group who has Successfully executed their Attack Mission.  In that analysis, we found that Terrorist Group Farabundo Marti National Liberation Front has the highest success rate and the Taliban is the Top terrorist group with the attack mission. Then we wanted to analyze the attack methods used by different terrorist groups. In that analysis, we saw that the Deadliest terrorist groups preferred Bombing and Explosion for their Attack mission. After that, we wanted to analyze the targets of the deadliest Terrorist group. In that analysis, we found that Terrorist Groups have targeted Private citizens and Property, followed by the Military. Finally, we analyzed the correlation between Killed, Wounded, and Total Casualty. In that analysis, We found that 99% of Casualties happened for every wounded, 80% of Casualties happened for every Kill and 69% of Killed who were wounded. |