**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:** |
| |  |  |  | | --- | --- | --- | | **NAMES** | **E-MAIL** | **CONTRIBUTION** | | Mandar Pate | Mandarpate5239@gmail.com | Helped and Guided in codings, and analyzing the database,Visualisation of data and in preparation of Technical papers, Presentation. | | Shivam Jadhav | Jadhavshivam7@gmail.com | worked on the coding part and visualizing the database, also helped in preparing the summary | | Tejas Chaudhary | [tejaschaudhary9960@gmail.com](mailto:tejaschaudhary9960@gmail.com) | Helped in preparing the Summary, comments for the codes . | | Pranav Gade | pranavrgade@gmail.com | Helped in preparing the Summary, comments for the codes . | |
| **Please paste the GitHub Repo link.** |
| **GitHub link:-**  **https://github.com/Priya7470894570/Almabetter--EDA-Global-Terrorism-Analysis.git** |
| **Please write a short summary of your Capstone project and its components. Describe the problem statement, your approaches and your conclusions. (200-400 words)** |
| We hereby present the summary of the project with the title **“GLOBAL TERRORISM ANALYSIS”**.  The Global Terrorism Database is an open-source database comprising of all the terrorist activities around the world from the year 1970 to 2017. It includes more than 180,000 attacks. This database contains more than 180000 rows and 135 columns.  Here we have used libraries like Pandas and Numpy to analyze the data, and Matplotlib, Seaborn and Folium for visualizing the data.  Firstly the data is loaded using the pandas library, then we use shape() and describe() methods for the basic understanding of the database. Before jumping to the exploration stage, we perform some basic data pre-processing methods like null value imputation and removal of unwanted data. In order to create a curated dataset we rename all the columns post null-value treatment and drop the unwanted columns.  Now our analytics come into picture. The deep study of the dataset helped us in making different operations to derive a set of important observations which encapsulate many crucial facts about the terrorism and its wide impacts.  The analysis of ‘most type’ variables such as **the most attacked country,the most attacked region, the most active terrorist group, the set of weapons mostly used , year with most attacks and the country with most killed peoples etc**. We provided a beautiful pictorial representation of our observations which include bar plots , pie charts , line charts , histograms and heatmaps and maps.  Overall the middle east area was broadly affected and was looted. Whereas the UK was the safest country.  To get rid of such a huge problem it's very important to understand key factors threshing towards this problem. As it has been a kind of deadlock which is pushing the developing countries down and making them handicapped from standing in the rows of the other developed countries.  ***Come ahead, hand in hand , beware and be brave and fight against the Terrorism.***  -Mandar, Shivam, Pranav, Tejas |