



Analysis of Global Crime Data

Group 11

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Problem Statement

Crime is a subject of global interest. No matter where you live or how old you are, we all worry about our safety. With crime being all over the news everyday, we get the sense that crime rates keep going up. We want to look at data to find out whether crime has really increased since the 1980's in different parts of the world. We also want to look at what specific types of crimes have become more or less common and at what regions of the world are more or less dangerous.

Data Set used for analysis:

<https://www.kaggle.com/vladproex/gdelt-conflict-events-1979-2021>

Analysis:

Some examples of the questions that we answered with our analysis are:

- Has crime increased/decreased in the past 4 decades? Is the trend different in different parts of the world?
- Which crime category is the most common in a given period of time? Does the ratio change with time?
- Have mass shootings become more common in the U.S. in the past 20 years?