**Project Scope:**

Our scope is to showcase the impact of the terrorist attacks on the country’s GDP growth.

We are limiting the analysis to specific countries in the region of Middle East, Europe, and North America over the period of 10 years (2007-2017). Would a country’s GDP growth rate (%) be affected in certain years that have been exposed to terrorist activities versus years that have no terrorist activity?

Our data will be quantified by number of terrorist attacks each year over a ten-year span for each country, then find out if there is correlation with that country’s GDP change.

Kind of data:

Global Terrorism data measuring how many attacks happen in each country each year

IMF data showing each country’s GDP data

Currency valuations during that time period

The kinds of questions you'll be asking of that data:

How many attacks are there per year for each country?

What is the GDP of each country for each year?

Is each country we are studying developed or developing?

Hypothesis: If there is one additional terrorist attack throughout the span of 10 years, it will cause fluctuation (+/-) in that country’s GDP/currency.

Does 1 additional terrorist attack really make the change, or any? If a bomb goes off in Irvine, will it affect Irvine’s GDP?

**Over the course of 10 years, if the number of attacks in a country increases from one year to the next, then it will have a negative effect on that year’s GDP growth rate. If the number of attacks in a country decrease from one year to the next, it will have a positive effect on that year’s GDP growth rate.**

Null Hypothesis: If there is no terrorist attack during that year, the GDP will not fluctuate and will stay consistent throughout the years.

Does your null hypothesis disprove your Hypothesis statement though? If so, defend it, if not, re-write it.

**The GDP growth rate of each year is not affected by the number of attacks that occur in that country. (Our data, should show, terrorist attack will have affect on GDP).**

Possible source for such data

<https://www.imf.org/en/Data>

<https://www.start.umd.edu/gtd/>