Covert Networks are some of the most interesting data networks currently analyzed. For our project, we propose to take data from the University of Maryland's Global Terrorism Database (GTB) and analyze parts of it for links. The GTD "is an open-source database including information on domestic and international terrorist attacks around the world from 1970 through 2019, and now includes more than 200,000 cases". For each event, the team gather as much data as possible to include:

- Date and location of the incident
- The weapons used and nature of the target
- The number of casualties
- When identifiable–the group or individual responsible

For our analysis, we will use the organizations as the key metric. If possible, we will create two networks for comparison of:

1. Attacked Country to the Organization that attacked them using the attack types as a known variable.
    - Attack types will be broken down to Explosives/Bombing and Physical (Armed Assault, kidnapping, Assassination, etc…)
    - The variables includes an 'unknown' variable which will be included only if feasible.
- Target Type (Military installation, Business, Educational institution, etc..) with the Organization that attacked them using the known weapon detail as the variable.
    - Target types may be broken down to an areas infrastructure (Military installations, Police, transporation, etc..) and non-infrastructure (violent political party, Media, Tourists, etc..)

- The Weapon types may be broken down into Firearms/Explosives and Other (melee, chemical, sabotage, biological, etc..
- The variables include an “unknown’ variable which will be included if feasible.

Dataframe Statistics:

- 177,114 Unique rows
- 135 columns (The following will be used)
  - Event ID
  - Country
  - Attack type
  - Target Type
  - Organization Name (gname)
  - Weapon Type
- Network X info
  - Nodes:204
  - Edges: 1226
  - Average Degree: 12.0196