Intern Data Test Requirements

1. You have till 13th June 2022 5pm Eastern Time –NY for this test

2. You can take the test and visualize it in Excel, Python, R or in Tableau (or any other tool); whichever you prefer, but please paste/screenshot the visualizations along with any other analysis you want to include in a **PowerPoint** of up to **10 slides** AND **ONLY SUBMIT THE POWERPOINT TO US**
   a) **Please Save the PowerPoint file as lastname.firstname.pptx**

3. You will need:
   a) A computer(PC/Mac/Linux) and connection to the internet
   b) Tableau/Python/Excel/R to Analyze the data – We are tool agnostic; we only ask you share with us the data visualizations and analysis as relevant in the PowerPoint.
   c) Access to Powerpoint

4. Data Selection:
   a. ACLED Political Violence Data: (Data for various incidents For Nigeria)
   b. Newsfeed Data: (attach export for News data in the region– already filtered)
   c. ACLED Codebook – Explains all the meta data for ACLED political violence dataset
   d. Newsfeed Metadata – Explains the various columns in the newsfeed dataset

5. Please build a presentation with relevant data visualizations and any analysis of up to **10 slides** in a PPT which would answer the questions in the next page

Intern Data Test Questions

1. What is the violence profile in Nigeria in the given time period? -**40pts (10 pts each)**
   a. What are the most common Event Types of political Violence?
   b. Which actors are the highest risk actors? (Fatality vs Number of Events)
   c. What is the geographic profile of the political violence?
   d. What features of this data set have the most predictive value?

2. What are the key news trends during the period attached? -**20pts (10 pts each)**
   a. What are the key trending themes?
   b. Is there a key sentiment/trend in the news?

3. Is there any correlation between political violence event types and the key news trending in the region? -**40 pts**

4. **Additional Analysis (if any – Bonus 20pts)**