**Rise of US Hate Crimes**

* + **Project Title : Rise of US Hate Crimes**
  + **Team Members:**
    - **Cristalle Pronier**
    - **Shivam Patel**
    - **Michael Malig**
    - **Deepak Gupta**
  + **Project Description/Outline**:  
    The United States has seen a significant increase in hate crimes. Across the country, hate crimes occur in varying forms across a multitude of places. Using the crime data explorer API, our goal is to track and measure the rate of these hate crimes within the United States and categorize them to better understand how and where they are likely to occur.
  + **Research Questions to Answer**

1. What is the trend of hate crimes from 2007 – Present? (*Count of Incident over year)*

a. Trend of demographic groups committing hate crimes (Offender Race)

b. Trend of demographic groups victimized by hate crimes (Bias Desc)

2. What is the trend of offense types that include hate crimes? (Offense\_Name)

a. Is there a trend between the offense type and bias description? (bias desc)

3. Where are hate crimes most likely to occur?

a. What states hold the highest percentage of hate crimes? (count of incident over state)

b. What locations have a higher chance for a hate crime to occur? (count of incident over location name)

4. What is the fluctuation of hate crimes rates on a monthly basis? (count of incident by month)

* + **Data Sets to be Used:** 
    - **Crime Data Explorer US Gov API**
  + **Rough Breakdown of Tasks** 
    - **Cristalle Pronier –** Report creation and presentation prep (Question 2)
    - **Shivam Patel –** Compile markdowns / report creation (Question 1)
    - **Michael Malig –** Data visualization setup (Question 4)
    - **Deepak Gupta –** Loading and cleanup of data (Question 3)