Project 3 Group 3: Betzy, Jorge, Saatvi, Alfred October 2, 2021

Project three: Shards of Delinquency

Topic: Dallas Crime

Objective: To create a dynamic webpage showcasing data visualizations using different libraries having a filterable dashboard.

### Data Source:

Our data source will be coming from City of Dallas Open Data. It will be providing us with information needed, including but not limited to; the crime type and its subgenre, the location of where the crime was committed, the time it was committed, the persons age etc. It will be used and queries in JavaScript will return data based on the filters selected. Python - to assist with aggregate functions using the queried data

https://www.dallasopendata.com/

## Inspiration

- Crime for the most part is interesting to see, hear or read about. Take the ever-growing popularity of the podcasts, Netflix specials, documentaries, dramas etc. that fall true crime genre. Not only true crime, but the Crime genre in general has always been popular. The books, TV shows, movies, etc. that stem from this genre are usually entertaining. It's even more entertaining and sometimes informative when it's based in real life, hence our project to see what lurking beyond in Dallas.
- Another form of inspiration one of the most popular holidays in the US:
  Halloween. With it being around the corner the idea of people taking on a different persona and committing "bad deeds" came to mind. We wanted to

observe if there is a relationship with crimes committed during this time of the year and track other trends in criminal activity outside of this Halloween season

Color scheme:



# Potential project questions:

- What type of crime is committed the most?
- What type of crime is reported the most
- In what areas of Dallas is most crime committed?
- What is the most common crime in certain Dallas areas?

### Visualizations

- •l eaflet Mac
- Plotly
- D3
- Charts.js

### Roles

- Proposal- Bethzaida
- Clean data- Al
- Visualizations- All
- Final write-up All