Project Team: Room 3

Project Title: The affect of COVID on crime in the City of Los Angeles

Team Members: Jennifer Jones, Manjusha Sethi, Daniel Casey, and Lisa Lonstein

Project Description: Crime before, during, and after COVID in the City of Los Angeles

Research Questions:

1. Was the overall crime rate lower during COVID?
2. Was there was an increase in domestic violence during COVID?
3. Did crime shift by district over time?

Data Set: City of LA Crime Dataset [2010 – 2019](https://catalog.data.gov/dataset/crime-data-from-2010-to-2019/resource/7019ef5a-a383-479c-8a28-8175ced9b7f5) and [2020-Present](https://data.lacity.org/Public-Safety/Crime-Data-from-2020-to-Present/2nrs-mtv8)

Assumptions: We made the assumption that COVID occurred from 2020 – 2021

Tasks/Roles

GitHub Admin: Jennifer Jones

Preparing Analysis:

Data Cleaning:

Data Analysis Presentation

Target columns in csv after cleaning and merging:

* DR\_NO
* Date Rptd (Date Reported)
* AREA NAME (Area Name)
* Crm Cd (Crime Code)
* Crm Cd Desc (Crime Code Description)
* Vict Age (Victim Age)
* Vict Sex (Victim Gender)
* Vict Descent (Victim Demographic)
* Premis Desc (Premise Description)
* LAT (Latitude)
* LON (Longitude)

Data Cleanup:

* Drop records where Victim Age is a negative number
* Drop records where Lat and Lon = 0
* Need to confirm duplicate crime records between the datasets since the Date Reported from the 2010-2019 dataset has entries after 2019