**Introduction**

* Problem statement
* Explain why the problem is important/interesting
* Who would be interested in solving this problem, i.e., who would you be trying to sell this project to?
* Where did you get your data?
* Why is this data useful to solve the problem?

Crime in the us has been a hot button issue at both a national, and local level. Overall crime rates appear to be dropping per capita but when a recent Gallup survey asked citizens if they felt like crime was worsening it shows an increase to spite overall crime being reduced. This gallop survey showed an increase that was more dramatic in 2022. I would like to find if there are any factors outside of the number of crimes being committed that may be contributing to this perception being worse than the numbers claim. I am wanting to find the answers to the following questions:

1. Is violent crime on the increase?
2. Do we see any particular demographic group being effected by these statistics more than the others.
3. Does other factors such as location or time of year seem to cause a surge in crimes in general or certain crimes.
   1. If there appears to be a correlation with location being a city is there a certain tipping point of population where the crime seems to increase across the board or are the crime rates appear to not directly track with population.
4. Why do people feel crime is worse.

I’m open to other questions as the data becomes more familiar and we can explore other areas within the data to determine if there is any correlation in an attempt to provide practicable solutions that will reduce crime in areas.

The data we will be reviewing is the Uniform Crime Reporting Program Data: Arrests by Age, Sex and Race, United States, 2022. This data was primarily provided from the United States Federal Bureau of Investigation in cooperation with local agencies. Essentially the data was gathered at a local level and reported up to the Federal agency in order to get a nationwide data set. I acquired the data from the National Archive of Criminal Justice Data.

Overall, I feel this analysis will help to identify factors and patterns that may lead to increased crime in areas. If possible, we can use this data to inform change for those areas and facilitate lower crime rates. The other goal of this study is to locate the reason citizens are anecdotally feeling that crime is worse in recent years.

Sources:

<https://www.statista.com/chart/28639/perception-crime-local-area-us/>

United States. Federal Bureau of Investigation. Uniform Crime Reporting Program Data: Arrests by Age, Sex, and Race, United States, 2022. Inter-university Consortium for Political and Social Research [distributor], 2024-07-29. https://doi.org/10.3886/ICPSR39062.v1