**Chicago crime analysis from 2001 to present.**

The dataset is from Kaggle it contains information about the crimes reported in Chicago, Illinois.

It consists of 23 columns and 16384 rows.

1. ID
2. Case Number
3. Date
4. Block
5. IUCR (police code in Illinois when reporting crimes)
6. Primary Type
7. Description
8. Location Description
9. Arrest
10. Domestic (in accordance with the Illinois domestic violence act or not)
11. Beat
12. District
13. Ward
14. Community Area
15. FBI Code
16. X Coordinate
17. Y Coordinate
18. Year
19. Updated On
20. Latitude
21. Longitude
22. Location

Some of the analysis questions that will be explored are:

1. Is the crime rate in Chicago increasing or decreasing over the years?
2. What are the most repeated crimes?
3. What are the years with the highest crime rate?
4. What is the safest vs the most dangerous areas to live in Chicago?
5. What is the percentage of arrests made on all reported crimes?
6. What is the percentage of domestic violence crimes?
7. Do the arrest rates differ based on location or type of crime and is there a pattern?
8. Are people safer in certain locations more than others?
9. Are crime rates affected by months / seasons and could there be a correlation between the weather and violent crimes?

Dataset link

<https://www.kaggle.com/datasets/chicago/chicago-crime/data>