Why did I choose to do Chicago Crime data?
Homicides In Chicago Eclipse U.S. Death Toll In Afghanistan And Iraq [Infographic]

Niall McCarthy  Contributor
Data journalist covering technological, societal and media topics

Forbes

In Chicago, gun deaths take no holiday

By Ray Sanchez, CNN

The New York Times

Chicago’s Murder Problem

By FORD FESSENDEN and HAEYOUN PARK  MAY 27, 2016
History of Crime in Chicago

Famous mobsters of Chicago

Al Capone

John Dillinger
Physiological needs:
food, water, warmth, rest

Safety needs:
security, safety

Belongingness and love needs:
intimate relationships, friends

Esteem needs:
prestige and feeling of accomplishment

Self-actualization:
achieving one’s full potential, including creative activities

Self-fulfillment needs
Where did my data come from?
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Data Points

12 columns and approximately 33,000 rows
So how did I get my results?
Community area map of Chicago

https://www.housingstudies.org/page/city-chicago-community-areas/
Crime of Chicago Graphed by Community areas
Where most crimes occur
The most common types of crime occurring in Chicago
Where do most Cannabis Seizures occur
The most common locations for Drug busts to occur
Where Hispanics and Latinos live.

Where African Americans live.

Where Caucasian’s live.
Where African Americans live.

Chicago crime graph by community area.
Where Hispanics and Latinos live.

Chicago crime graph by community area.
Where Caucasians live.

Chicago crime graph by community area.
Total Population Map
Crime map of Chicago
Crime map of Chicago

Income map of Chicago
Crime map of Chicago

Narcotics map of Chicago
What is the probability if you get arrested if caught with narcotics in Chicago?
Conclusion

People of different ethnic background may face different challenges growing up in Chicago.
My Realization

I had a perception that Chicago was a safe city but I realized through this project that I was visiting the safer parts. By using big data I was able to enhance my perception of Chicago which was clearer than my personal experience.
How to stay safe

1. Behave like you belong there
2. Safety in numbers
3. Don’t display objects of wealth (watches, rings, etc)
4. Be confident
5. Tune in your 6th sense

Next Steps
- Time of day
- Time of year
- Gender
- More demographics
- Weather
- Education background
- Repeat offenders
Difficulties
- Finding more datasets
- Location (GPS)
- Navigating around Watson (laggy and slow)
- Creating the Crime maps
Thank you for paying attention!
Bibliography


https://www.housingstudies.org/page/city-chicago-community-areas/


https://www.simplypsychology.org/maslow.html

https://watson.analytics.ibmcloud.com/home/data/?nlp=

https://www.google.com/sheets/about/


https://www.worldatlas.com/as/vn/hn/where-is-hanoi.html