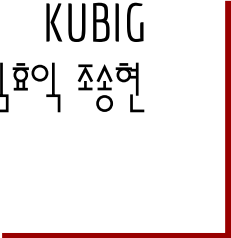




CHICAGO CRIME DATA

KUBIG
박소현 김효익 조소현
김승민



INDEX

1. Data description
2. Modeling
3. Expectation

I . Data description

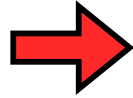
〈Chicago crime data〉

- Incidents of crime that occurred in the City of Chicago from 2012 to 2017
- Data is extracted from the Chicago Police Department's CLEAR (Citizen Law Enforcement Analysis and Reporting) system and includes unverified reports.
- <https://www.kaggle.com/chicago/chicago-crime>

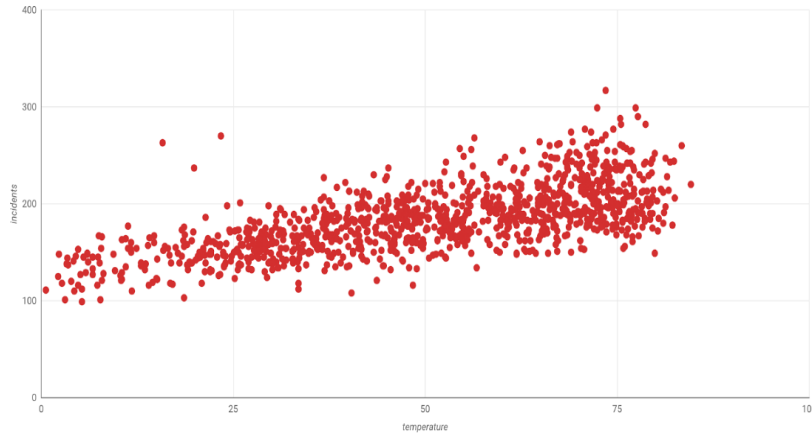


II. Modeling

- Multi Linear Regression
- LASSO/ Ridge
- Clustering

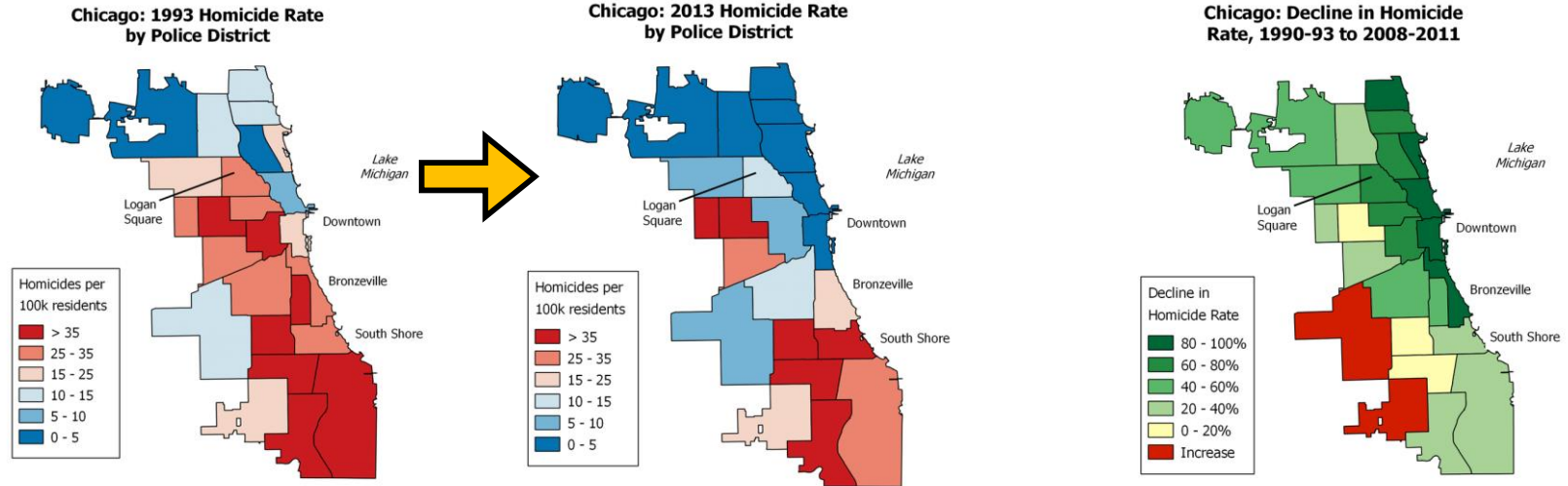


- Crime possibility index
 1. Location variables: Block, District etc
 2. Crime type: Description, IUCR variables (violent/nonviolent etc)
 3. Time variables: Year, Month, Seasonality etc



III. Expectation

- How has crime changed over the years?
- Is it possible to predict where or when a crime will be committed?
- Which areas of the city have evolved over this time span?



Thank you