

# Crime project

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## Abstract

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## Introduction

Intro goes here

## Results

Initial examining of the dataset ...

```
# Overall descriptive of the dataset
# total number of records
nrow(data)
```

```
## [1] 376844
```

```
table(data$Year)
```

```
##
## 2019 2020
## 222433 154411
```

```
table(data$Domestic)
```

```
##
## Non-domestic Domestic
## 310033 66811
```

```
table(data$'Primary Type')
```

```
##
## ARSON ASSAULT
## 813 31764
## BATTERY BURGLARY
## 74322 14963
## CONCEALED CARRY LICENSE VIOLATION CRIMINAL DAMAGE
## 304 42747
## CRIMINAL SEXUAL ASSAULT CRIMINAL TRESPASS
## 2173 8544
```

##	DECEPTIVE PRACTICE	GAMBLING
##	26666	159
##	HOMICIDE	HUMAN TRAFFICKING
##	1113	13
##	INTERFERENCE WITH PUBLIC OFFICER	INTIMIDATION
##	1718	266
##	KIDNAPPING	LIQUOR LAW VIOLATION
##	241	302
##	MOTOR VEHICLE THEFT	NARCOTICS
##	15271	16631
##	OBSCENITY	OFFENSE INVOLVING CHILDREN
##	90	3221
##	OTHER OFFENSE	PROSTITUTION
##	22683	786
##	PUBLIC INDECENCY	PUBLIC PEACE VIOLATION
##	18	2350
##	ROBBERY	SEX OFFENSE
##	12763	1769
##	STALKING	THEFT
##	332	82603
##	WEAPONS VIOLATION	
##	12219	

Table 1. Crime incidents by type

table1[,3:4]

##	Daily rate 2019	Daily rate 2020
## ARSON	1.06	1.78
## ASSAULT	58.15	51.19
## BATTERY	139.77	115.66
## BURGLARY	26.78	24.80
## CONCEALED CARRY LICENSE VIOLATION	0.63	0.41
## CRIMINAL DAMAGE	75.96	71.46
## CRIMINAL SEXUAL ASSAULT	4.42	3.01
## CRIMINAL TRESPASS	18.88	10.17
## DECEPTIVE PRACTICE	51.30	40.21
## GAMBLING	0.45	0.08
## HOMICIDE	1.50	2.40
## HUMAN TRAFFICKING	0.04	0.01
## INTERFERENCE WITH PUBLIC OFFICER	4.40	1.37
## INTIMIDATION	0.44	0.49
## KIDNAPPING	0.49	0.33
## LIQUOR LAW VIOLATION	0.66	0.36
## MOTOR VEHICLE THEFT	24.98	27.93
## NARCOTICS	40.82	15.26
## OBSCENITY	0.17	0.14
## OFFENSE INVOLVING CHILDREN	6.37	4.66
## OTHER OFFENSE	45.61	32.01
## PROSTITUTION	1.90	0.76
## PUBLIC INDECENCY	0.04	0.03
## PUBLIC PEACE VIOLATION	4.34	3.75

## ROBBERY	22.41	21.64
## SEX OFFENSE	3.65	2.40
## STALKING	0.60	0.54
## THEFT	175.39	106.24
## WEAPONS VIOLATION	18.08	24.47