

chicago-explore

Chicago-Crime Dataset

The dataset contains information about crimes reported to the police in Chicago. This covers data about the location, date, time and type of the crime in various formats.

```
summary(chicago_crimes_sample)
```

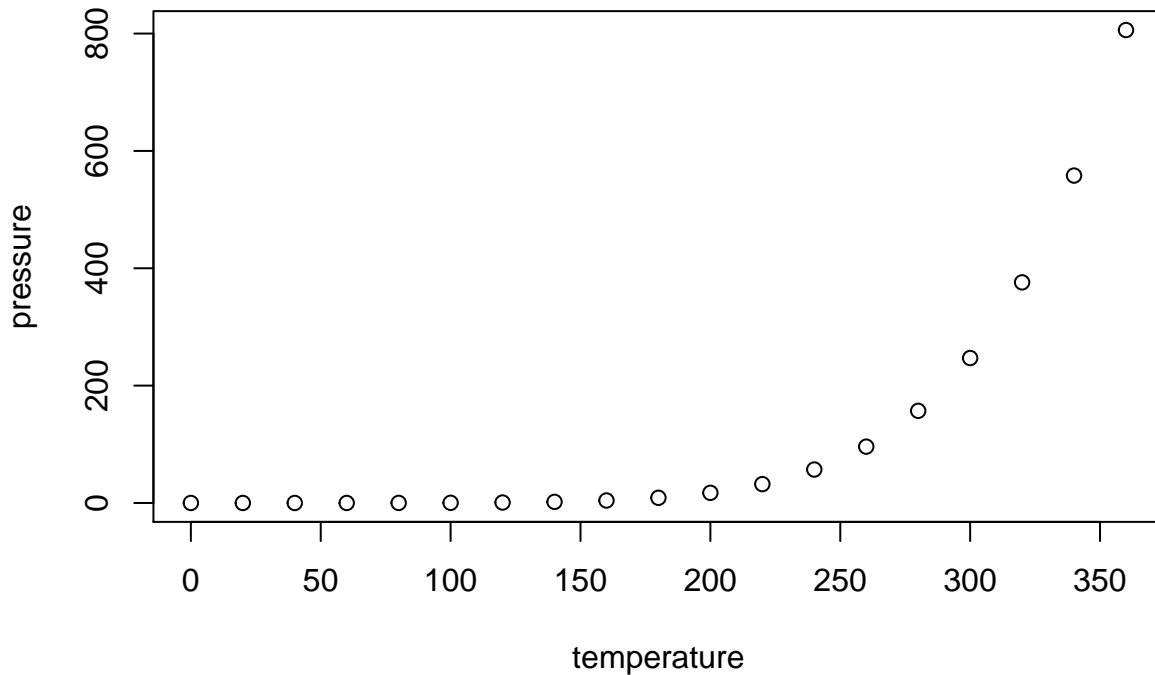
```
##           ID           Case Number           Date
## Min.      :    789   Length:20000   Length:20000
## 1st Qu.: 3226025   Class :character   Class :character
## Median : 5672346   Mode  :character   Mode  :character
## Mean    : 5678300
## 3rd Qu.: 8012342
## Max.    :10446036
##
##           Block           IUCR           Primary Type
## Length:20000   Length:20000   Length:20000
## Class :character   Class :character   Class :character
## Mode  :character   Mode  :character   Mode  :character
##
##
##
##
## Description           Location Description           Arrest
## Length:20000   Length:20000   Length:20000
## Class :character   Class :character   Class :character
## Mode  :character   Mode  :character   Mode  :character
##
##
##
##
##           Domestic           Beat           District           Ward
## Length:20000   Length:20000   Length:20000   Min.    : 1.00
## Class :character   Class :character   Class :character   1st Qu.:11.00
## Mode  :character   Mode  :character   Mode  :character   Median :22.00
##                                     Mean    :22.81
##                                     3rd Qu.:34.00
##                                     Max.    :50.00
##                                     NA's    :2007
##
## Community Area   FBI Code           X Coordinate           Y Coordinate
## Min.    : 1.00   Length:20000   Min.    :1095883   Min.    :1815178
## 1st Qu.:23.00   Class :character   1st Qu.:1152525   1st Qu.:1858986
## Median :32.00   Mode  :character   Median :1165836   Median :1890550
## Mean    :37.75           Mean    :1164292   Mean    :1885767
## 3rd Qu.:58.00           3rd Qu.:1176223   3rd Qu.:1909234
## Max.    :77.00           Max.    :1204247   Max.    :1951493
## NA's    :2012           NA's    :9240     NA's    :9240
##
##           Year           Updated On           Latitude           Longitude
## Min.    :2001   Length:20000   Min.    :41.65   Min.    : -87.92
## 1st Qu.:2004   Class :character   1st Qu.:41.77   1st Qu.: -87.72
## Median :2007   Mode  :character   Median :41.85   Median : -87.67
```

```
## Mean      :2007      Mean      :41.84      Mean      : -87.67
## 3rd Qu.   :2011      3rd Qu.   :41.91      3rd Qu.   : -87.63
## Max.      :2016      Max.      :42.02      Max.      : -87.53
##           NA's      :9240      NA's      :9240
## Location
## Length:20000
## Class :character
## Mode  :character
##
##
##
```

Including Plots

You can also embed plots, for example:

```
plot(pressure)
```



Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.