

NYPD_shooting

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NYPD Shooting Info

Import Data into variable

```
nypd_data <- read.csv("datasets/NYPD_Shooting_Incident_Data_Historic_.csv")
```

Summarize data

```
summary(nypd_data)
```

```
## INCIDENT_KEY      OCCUR_DATE      OCCUR_TIME      BORO
## Min.   : 9953245    Length:28562    Length:28562    Length:28562
## 1st Qu.: 65439914   Class :character Class :character Class :character
## Median : 92711254   Mode  :character Mode  :character Mode  :character
## Mean   :127405824
## 3rd Qu.:203131993
## Max.   :279758069
##
## LOC_OF_OCCUR_DESC  PRECINCT      JURISDICTION_CODE LOC_CLASSFCTN_DESC
## Length:28562       Min.   : 1.0     Min.   :0.0000    Length:28562
## Class :character   1st Qu.: 44.0    1st Qu.:0.0000    Class :character
## Mode  :character   Median : 67.0    Median :0.0000    Mode  :character
##                   Mean   : 65.5    Mean   :0.3219
##                   3rd Qu.: 81.0    3rd Qu.:0.0000
##                   Max.   :123.0    Max.   :2.0000
##                   NA's   :2
## LOCATION_DESC      STATISTICAL_MURDER_FLAG PERP_AGE_GROUP
## Length:28562       Length:28562      Length:28562
## Class :character   Class :character   Class :character
## Mode  :character   Mode  :character   Mode  :character
##
##
##
## PERP_SEX           PERP_RACE           VIC_AGE_GROUP      VIC_SEX
## Length:28562       Length:28562      Length:28562      Length:28562
## Class :character   Class :character   Class :character   Class :character
```

```

## Mode :character Mode :character Mode :character Mode :character
##
##
##
##
## VIC_RACE X_COORD_CD Y_COORD_CD Latitude
## Length:28562 Min. : 914928 Min. :125757 Min. :40.51
## Class :character 1st Qu.:1000068 1st Qu.:182912 1st Qu.:40.67
## Mode :character Median :1007772 Median :194901 Median :40.70
## Mean :1009424 Mean :208380 Mean :40.74
## 3rd Qu.:1016807 3rd Qu.:239814 3rd Qu.:40.82
## Max. :1066815 Max. :271128 Max. :40.91
## NA's :59
## Longitude Lon_Lat
## Min. :-74.25 Length:28562
## 1st Qu.: -73.94 Class :character
## Median : -73.92 Mode :character
## Mean : -73.91
## 3rd Qu.: -73.88
## Max. : -73.70
## NA's :59

```

Plot points on the map

```

““

```