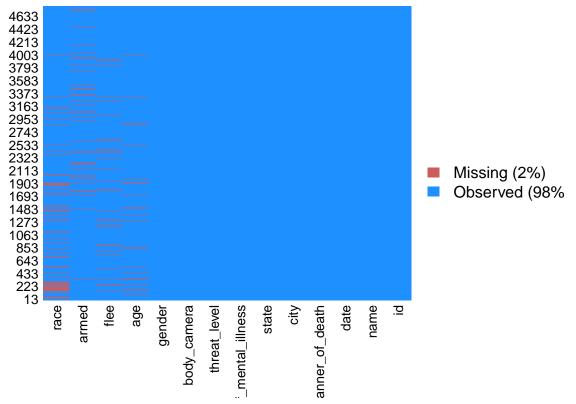
Data Wrangling

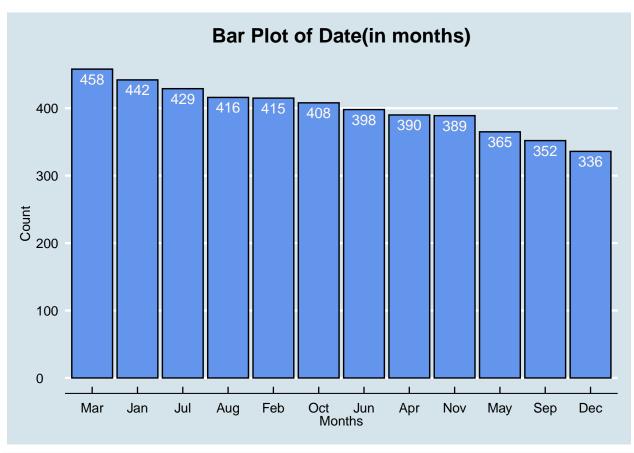
Adhi Roka

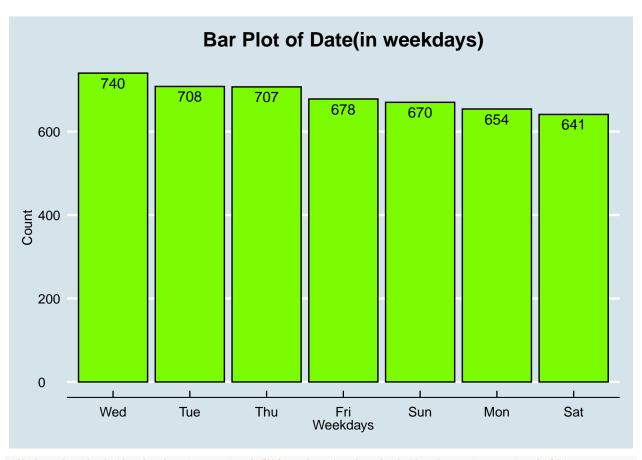
11/5/2020

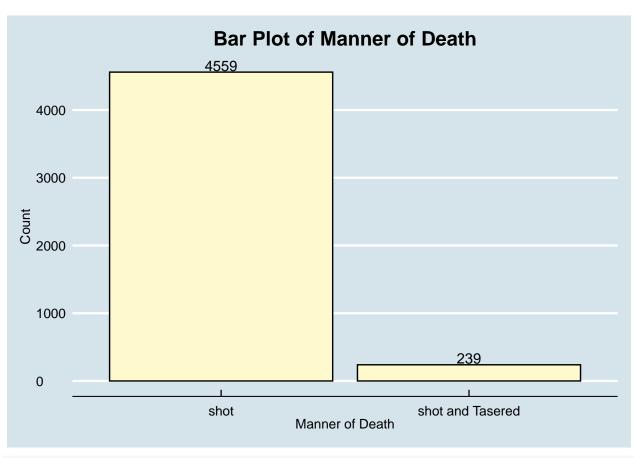
```
1.a)
shoot<-read_csv("fatal-police-shootings-data.csv",</pre>
                col_names=TRUE, na=c(".", "NA", "", "?"))
## Parsed with column specification:
## cols(
##
     id = col_double(),
     name = col_character(),
##
##
     date = col_date(format = ""),
##
     manner_of_death = col_character(),
     armed = col_character(),
     age = col_double(),
##
     gender = col_character(),
##
##
     race = col_character(),
     city = col_character(),
##
     state = col_character(),
##
     signs_of_mental_illness = col_logical(),
     threat_level = col_character(),
##
##
     flee = col_character(),
##
     body_camera = col_logical()
## )
#glimpse(shoot)
#Check missing values
missmap(shoot) #Variables race, armed, flee and age having missing values.
## Warning in if (class(obj) == "amelia") {: the condition has length > 1 and only
## the first element will be used
## Warning: Unknown or uninitialised column: 'arguments'.
## Warning: Unknown or uninitialised column: 'arguments'.
## Warning: Unknown or uninitialised column: 'imputations'.
```

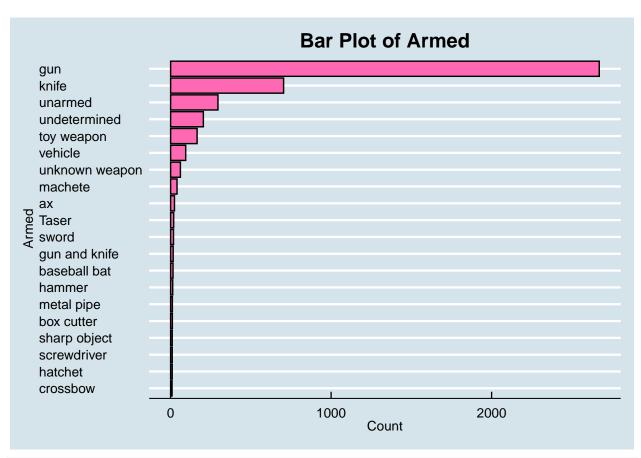
Missingness Map



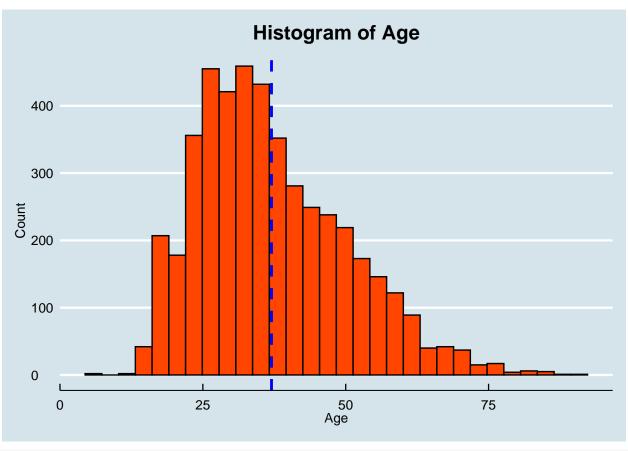








Warning: Removed 207 rows containing non-finite values (stat_bin).



boxplot(shoot\$age, plot=T,col = "orangered")\$out

```
## [1] 75 77 83 76 86 76 77 76 76 80 82 86 76 83 91 79 75 82 76 78 84 84 81 89 77 ## [26] 76 84 81 80 77 76 76 77 75
```

skewness(shoot\$age,na.rm = T)

```
## [1] 0.7062273
## attr(,"method")
```

[1] "moment"

#Age is positively skewed. It has outliers which are possibly making the right tail longer.

