ANA 515 Assignment 1

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11/5/2021

Assignment 1

```
library(tidyverse)
```

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --
```

```
## v ggplot2 3.3.5      v purrr   0.3.4
## v tibble  3.1.2      v dplyr   1.0.7
## v tidyr   1.1.4      v stringr 1.4.0
## v readr   2.0.2      v forcats 0.5.1
```

```
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
library(ggplot2)
```

```
##   X year month  intent police sex age                    race hispanic
## 1 1 2012     1 Suicide      0   M  34 Asian/Pacific Islander      100
## 2 2 2012     1 Suicide      0   F  21                  White      100
## 3 3 2012     1 Suicide      0   M  60                  White      100
## 4 4 2012     2 Suicide      0   M  64                  White      100
## 5 5 2012     2 Suicide      0   M  31                  White      100
##           place     education
## 1          Home           BA+
## 2        Street  Some college
## 3 Other specified         BA+
## 4          Home           BA+
## 5 Other specified      HS/GED
```
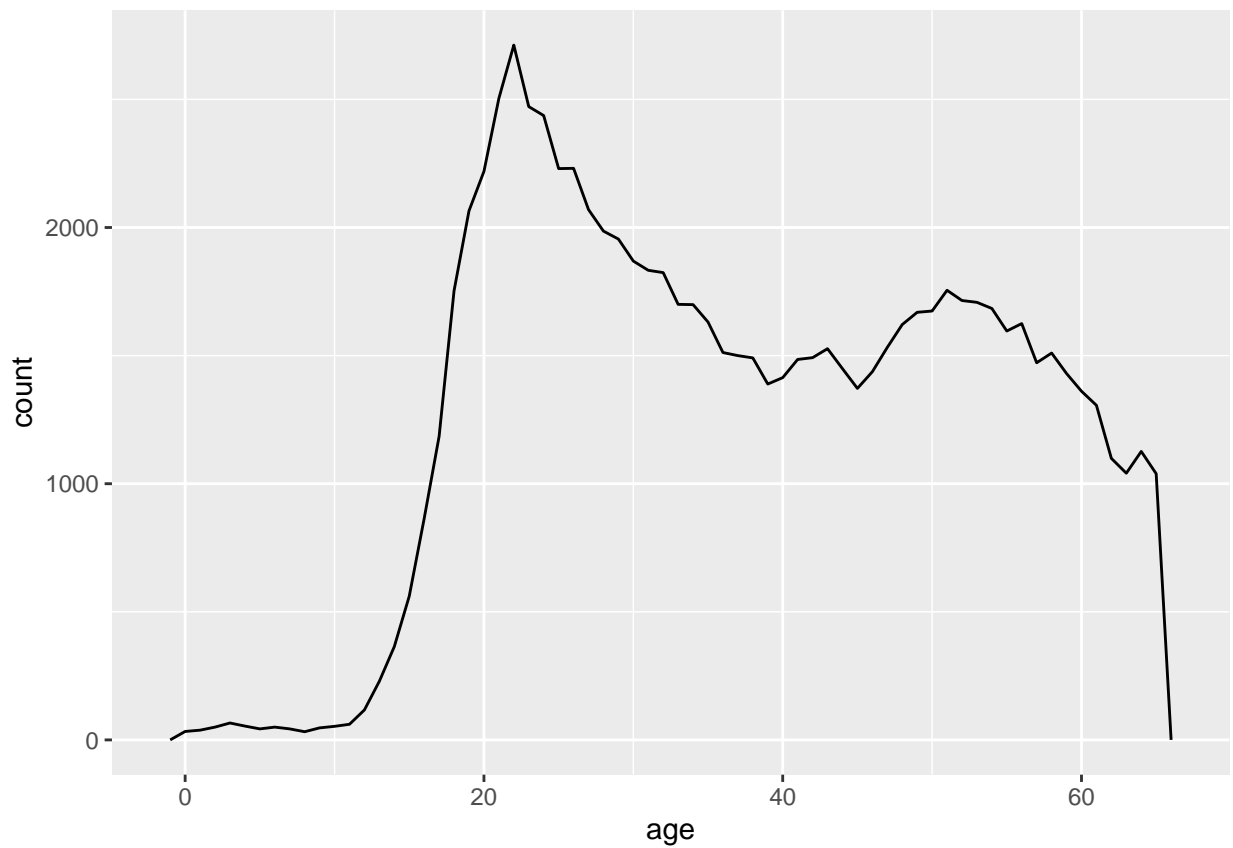
```
gun_death = dataset
youth = gun_death[gun_death$age <= 65,]
summary(youth)
```

```
##        X               year          month           intent
##  Min.   :     1   Min.   :2012   Min.   : 1.00   Length:85129
##  1st Qu.: 24944   1st Qu.:2012   1st Qu.: 4.00   Class :character
##  Median : 50035   Median :2013   Median : 7.00   Mode  :character
```

```
##  Mean   : 50203   Mean   :2013   Mean   : 6.57
##  3rd Qu.: 75512   3rd Qu.:2014   3rd Qu.: 9.00
##  Max.   :100798   Max.   :2014   Max.   :12.00
##  NA's   :18       NA's   :18     NA's   :18
##     police            sex                age              race
##  Min.   :0.00000   Length:85129      Min.   : 0.00   Length:85129
##  1st Qu.:0.00000   Class :character  1st Qu.:25.00   Class :character
##  Median :0.00000   Mode  :character  Median :36.00   Mode  :character
##  Mean   :0.01612                     Mean   :37.89
##  3rd Qu.:0.00000                     3rd Qu.:51.00
##  Max.   :1.00000                     Max.   :65.00
##  NA's   :18                          NA's   :18
##     hispanic         place            education
##  Min.   :100.0   Length:85129      Length:85129
##  1st Qu.:100.0   Class :character  Class :character
##  Median :100.0   Mode  :character  Mode  :character
##  Mean   :115.6
##  3rd Qu.:100.0
##  Max.   :998.0
##  NA's   :18
```

Warning: Removed 18 rows containing non-finite values (stat_bin).

Gun deaths by race