ANA 515 Assignment 1

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#Gun deaths data

```
## New names:
## * '' -> ...1


## Rows: 100798 Columns: 11
## -- Column specification ---------------------------------------------------------
## Delimiter: ","
## chr (6): month, intent, sex, race, place, education
## dbl (5): ...1, year, police, age, hispanic
##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.


## spec_tbl_df [100,798 x 11] (S3: spec_tbl_df/tbl_df/tbl/data.frame)
##  $ ...1     : num [1:100798] 1 2 3 4 5 6 7 8 9 10 ...
##  $ year     : num [1:100798] 2012 2012 2012 2012 2012 ...
##  $ month    : chr [1:100798] "01" "01" "01" "02" ...
##  $ intent   : chr [1:100798] "Suicide" "Suicide" "Suicide" "Suicide" ...
##  $ police   : num [1:100798] 0 0 0 0 0 0 0 0 0 0 ...
##  $ sex      : chr [1:100798] "M" "F" "M" "M" ...
##  $ age      : num [1:100798] 34 21 60 64 31 17 48 41 50 NA ...
##  $ race     : chr [1:100798] "Asian/Pacific Islander" "White" "White" "White" ...
##  $ hispanic : num [1:100798] 100 100 100 100 100 100 100 100 100 998 ...
##  $ place    : chr [1:100798] "Home" "Street" "Other specified" "Home" ...
##  $ education: chr [1:100798] "BA+" "Some college" "BA+" "BA+" ...
##  - attr(*, "spec")=
##   .. cols(
##   ..    ...1 = col_double(),
##   ..    year = col_double(),
##   ..    month = col_character(),
##   ..    intent = col_character(),
##   ..    police = col_double(),
##   ..    sex = col_character(),
##   ..    age = col_double(),
##   ..    race = col_character(),
##   ..    hispanic = col_double(),
##   ..    place = col_character(),
##   ..    education = col_character()
##   .. )
##  - attr(*, "problems")=<externalptr>
```

```
##        ...1              year           month              intent
##  Min.   :     1    Min.   :2012    Length:85111      Length:85111
##  1st Qu.: 24944    1st Qu.:2012    Class :character   Class :character
##  Median : 50035    Median :2013    Mode  :character   Mode  :character
##  Mean   : 50203    Mean   :2013
##  3rd Qu.: 75512    3rd Qu.:2014
##  Max.   :100798    Max.   :2014
##      police              sex                 age              race
##  Min.   :0.00000    Length:85111       Min.   : 0.00    Length:85111
##  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
##     hispanic           place            education
##  Min.   :100.0    Length:85111       Length:85111
##  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
```

We have data about 100798 individuals killed by guns. Only 15687 are older than 65. The distribution of
the remainder is shown below: