University-Roll: 2101048 Ayush Rowat (40) Sec-A Q(3-4) Plotting the grap from Tokyocsy · Setting of Working Directory Set ω ("D:") Reding of csulide my data <- read csu(" Jokyo csu") Instabling gghlot hockoge

instable hac bages ("gg hoot?") Using gg hoot () dibrary

librory (gg plot?)

· Histogram 89 hot (data = my data, ars (y= gold, x = Team. NOC)) + geom-bor (stat = "identity")

· Piechart 89 plot (dato = mydata, aes (y="", fill = gold, x = geam. NO(1) + geom-bor (width = 1, stat = "identity") + coord-holor ("x" start=0)

Minimum min (mydata\$ gold)

Maximom mar ( mydata & Gold)

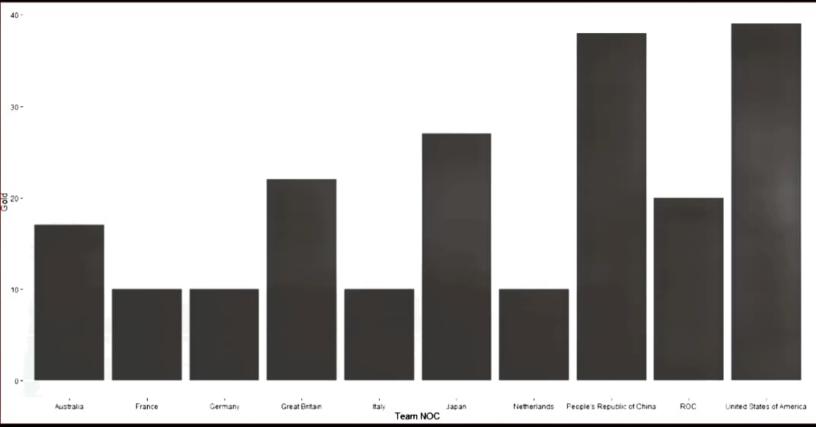
· Mean mean (my data & godo)

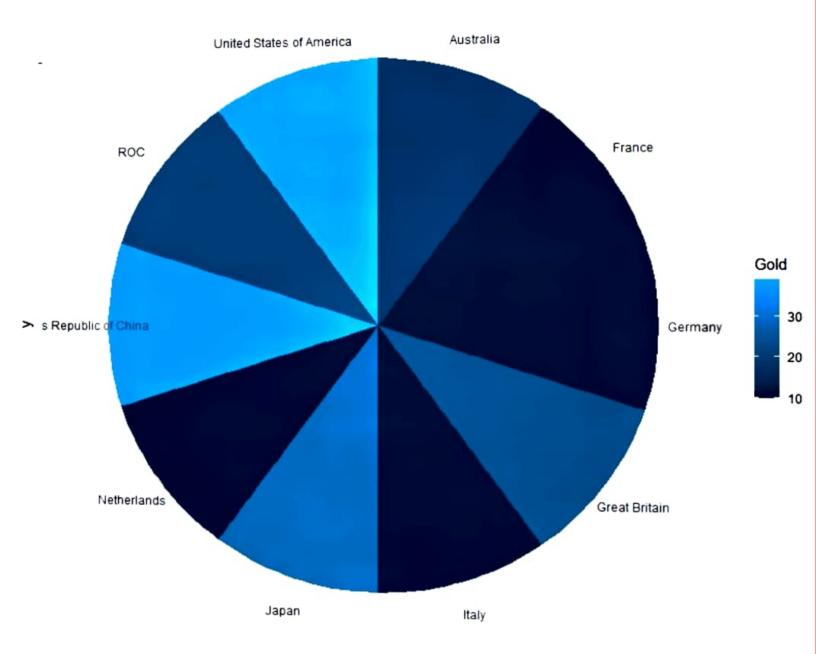
Medion median (mydata & gold)

Qu on tide quantile (mydota & gold. 025) quantile (my data & gold . 0.75)

Standard Deviation And Variance sd (mydata & gold) war (my data & gold)

Som mary sommary (mydata)





Team.NOC

```
> min(mydata$Gold)
[1] 10
> max(mydata$Gold)
[1] 39
> mean(mydata$Gold)
[1] 20.3
> median(mydata$Gold)
[1] 18.5
> quantile(mydata$Gold, 0.25)
25%
10
> quantile(mydata$Gold, 0.75)
  75%
25.75
> sd(mydata$Gold)
[1] 11.2847
> var(mydata$Gold)
[1] 127.3444
> summary(mydata)
                                          Gold
      Rank
                                                          Silver
                   Team. NOC
                                                                          Bronze
Min.
        : 1.00
                 Length:10
                                     Min.
                                            :10.00
                                                     Min.
                                                             : 7.00
                                                                      Min.
                                                                              :11.00
1st Qu.: 3.25
                 Class :character
                                                     1st Qu.:11.25
                                     1st Qu.:10.00
                                                                      1st Qu.:16.25
Median: 5.50
                                                     Median :13.00
                 Mode :character
                                     Median :18.50
                                                                      Median :19.00
Mean
      : 5.50
                                            :20.30
                                                             :18.80
                                                                              :19.60
                                     Mean
                                                     Mean
                                                                      Mean
 3rd Qu.: 7.75
                                     3rd Qu.:25.75
                                                      3rd Qu.:26.25
                                                                      3rd Qu.:22.00
Max.
        :10.00
                                            :39.00
                                     Max.
                                                     Max.
                                                             :41.00
                                                                      Max.
                                                                              :33.00
     Total
                  Rank.by.Total
Min.
        : 33.00
                  Min. : 1.00
1st Qu.: 37.75
                  1st Qu.: 3.25
Median : 52.00
                  Median: 5.50
      : 58.70
Mean
                       : 5.50
                  Mean
 3rd Qu.: 69.50
                  3rd Qu.: 7.75
        :113.00
                          :10.00
Max.
                  Max.
```