Untitled.R

aaron

2023-11-25

```r
data = read.csv("Impact of Online Learning on Student Engagement and Performance .
csv")
#print(getwd())
#setwd("/Users/aaron/Desktop/Sem2-R-Lab/Impact of Online Learning on Student Engag
ement and Performance")
db=data
data$Gender
```
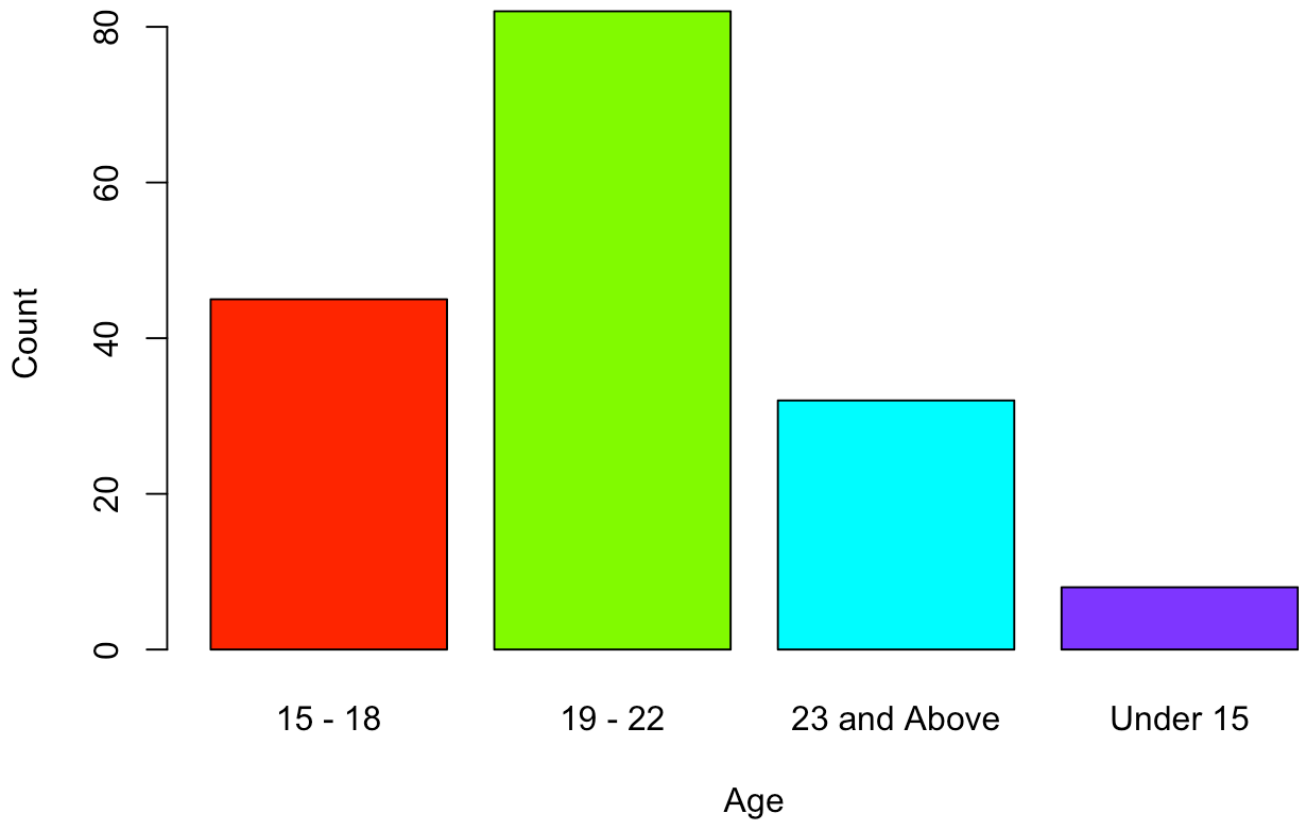
```
##   [1] "Male"   "Male"   "Male"   "Male"   "Female" "Female" "Male"   "Female"
##   [9] "Female" "Female" "Male"   "Male"   "Female" "Female" "Male"   "Female"
##  [17] "Female" "Female" "Male"   "Female" "Female" "Female" "Female" "Male"
##  [25] "Male"   "Female" "Female" "Male"   "Male"   "Female" "Male"   "Female"
##  [33] "Female" "Male"   "Female" "Female" "Male"   "Male"   "Female" "Female"
##  [41] "Female" "Female" "Female" "Female" "Female" "Female" "Female" "Female"
##  [49] "Female" "Male"   "Female" "Male"   "Male"   "Male"   "Female" "Female"
##  [57] "Male"   "Female" "Male"   "Female" "Male"   "Female" "Male"   "Female"
##  [65] "Male"   "Male"   "Male"   "Male"   "Male"   "Female" "Male"   "Female"
##  [73] "Female" "Male"   "Female" "Female" "Female" "Female" "Female" "Female"
##  [81] "Male"   "Female" "Female" "Male"   "Male"   "Female" "Female" "Female"
##  [89] "Female" "Male"   "Male"   "Female" "Male"   "Female" "Female" "Female"
##  [97] "Female" "Female" "Female" "Female" "Female" "Female" "Female" "Female"
## [105] "Female" "Female" "Female" "Male"   "Female" "Female" "Female" "Female"
## [113] "Male"   "Male"   "Female" "Female" "Female" "Male"   "Female" "Female"
## [121] "Male"   "Female" "Male"   "Male"   "Female" "Male"   "Male"   "Male"
## [129] "Male"   "Male"   "Female" "Male"   "Female" "Male"   "Male"   "Male"
## [137] "Male"   "Male"   "Male"   "Male"   "Male"   "Male"   "Female" "Male"
## [145] "Female" "Male"   "Male"   "Male"   "Male"   "Male"   "Female" "Male"
## [153] "Female" "Male"   "Female" "Female" "Female" "Male"   "Male"   "Female"
## [161] "Male"   "Female" "Female" "Male"   "Female" "Female" "Female"
```

```r
str(db$Age)
```

```
##  chr [1:167] "19 - 22" "23 and Above" "23 and Above" "19 - 22" "19 - 22" ...
```
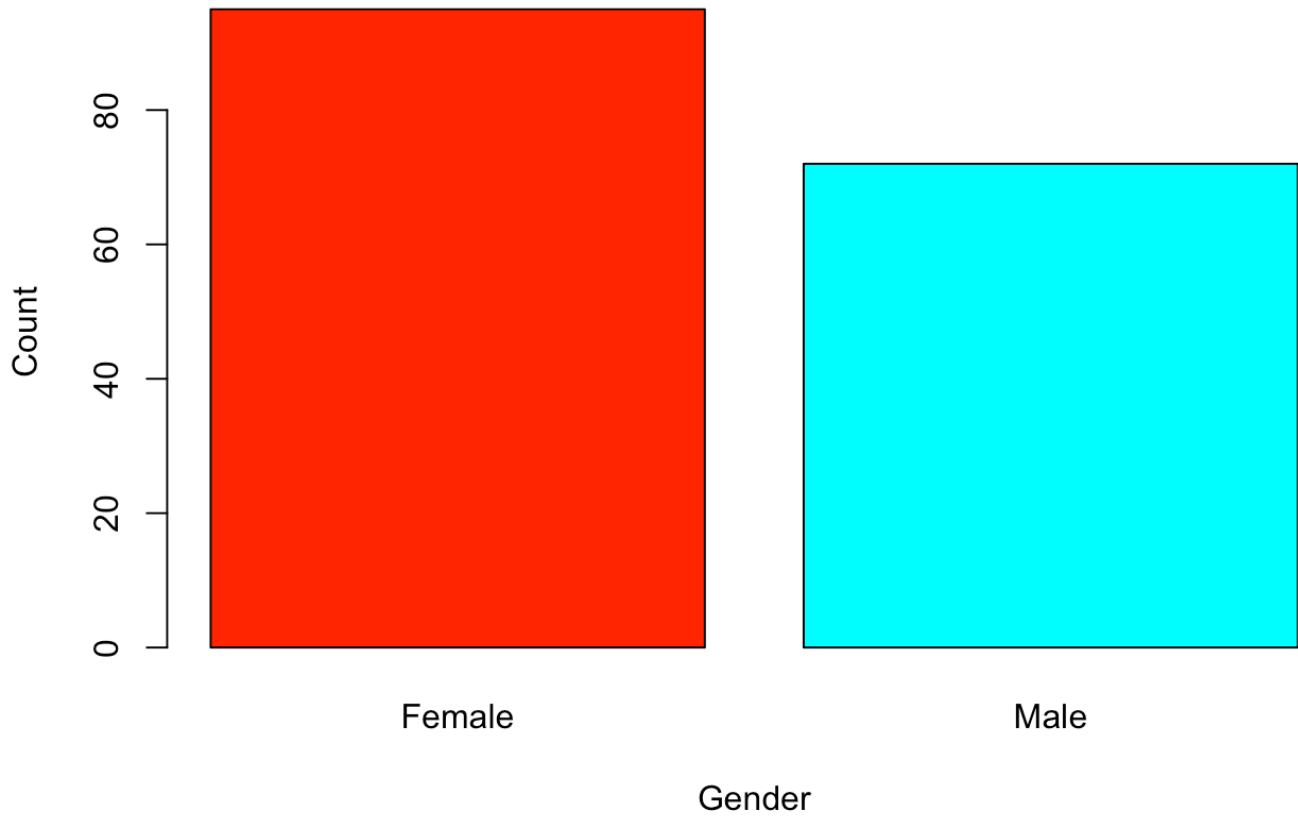
```r
#Age
barplot(table(db$Age),
        main = "Bar Graph of Age",
        xlab = "Age",
        ylab = "Count",
        col = rainbow(length(unique(db$Age))))
```

Bar Graph of Age
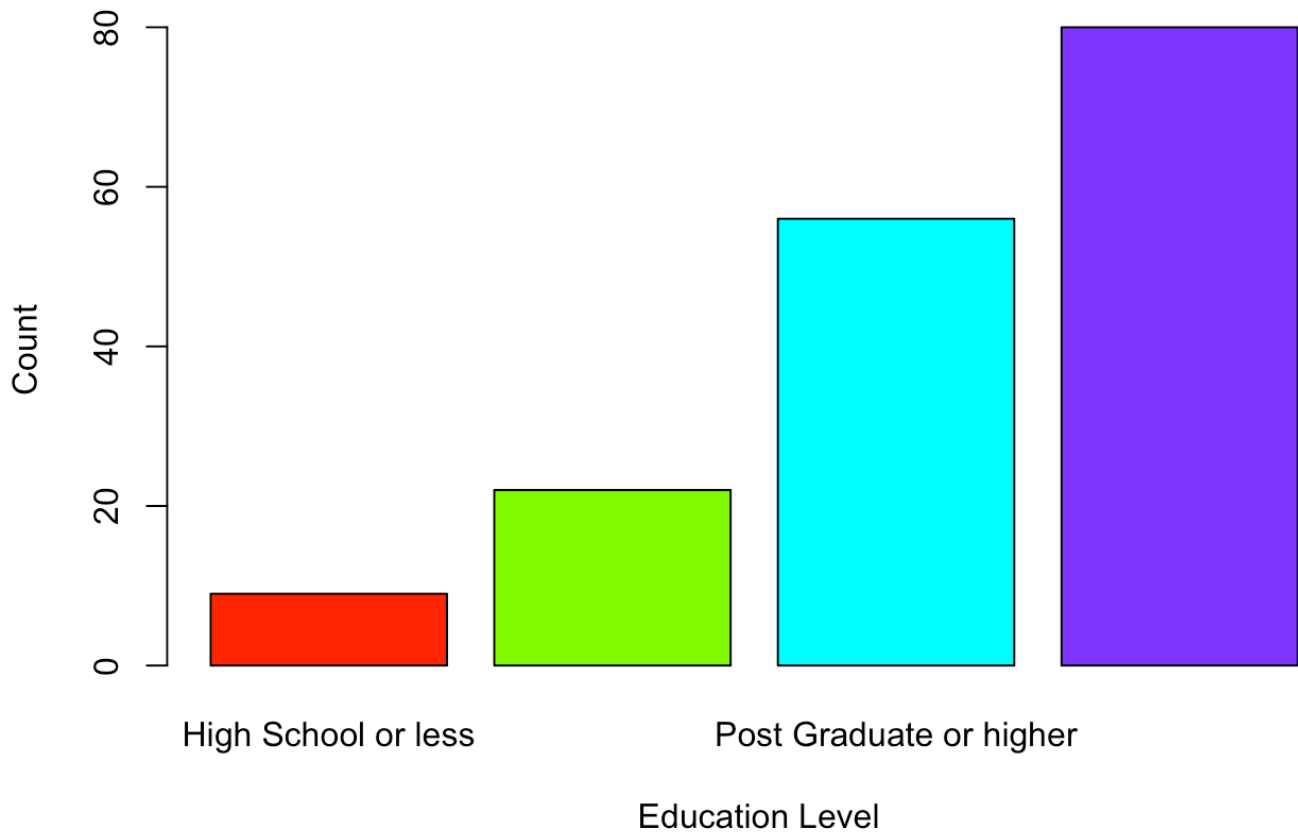


```
#Gender
barplot(table(db$Gender),
        main = "Bar Graph of Gender",
        xlab = "Gender",
        ylab = "Count",
        col = rainbow(length(unique(db$Gender))))
```

Bar Graph of Gender


```
#Education Level
barplot(table(db$Education.Level),
        main = "Bar Graph of Education Level",
        xlab = " Education Level",
        ylab = "Count",
        col = rainbow(length(unique(db$Education.Level))))
```

Bar Graph of Education Level


```
#How long have you been engaged in online learning?
barplot(table(db$How.long.have.you.been.engaged.in.online.learning.),
        main = "BHow.long.have.you.been.engaged.in.online.learning",
        xlab = "",
        ylab = "Count",
        col = rainbow(length(unique(db$How.long.have.you.been.engaged.in.online.le
arning.)))))
```

BHow.long.have.you.been.engaged.in.online.learning