Demographics

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```
library(readr)
data <- read_csv("/cloud/project/Group Project (Survey)/data.csv")
```

```
## New names:
## Rows: 50 Columns: 37
## -- Column specification
## -------------------------------------------------------- Delimiter: "," chr
## (37): Timestamp, Username, Name (First Name, Last Name):, Age:, SEX:, Ge...
## 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.
## * `` -> `...37`
```

```
print(data)
```

```
## # A tibble: 50 x 37
##    Timestamp             Username Name (First Name, La~1 `Age:` `SEX:` `Gender:`
##    <chr>                 <chr>    <chr>                  <chr>  <chr>  <chr>
##  1 2024/03/10 10:49:41 ~ primero~ Ellema, Prime Rose     20     Female Straight
##  2 2024/03/10 10:50:38 ~ keilapa~ Keila, Palmos          19     Female Straight
##  3 2024/03/10 10:56:18 ~ reneero~ Renee Rose Flogoso     21     Female Straight
##  4 2024/03/10 10:56:26 ~ armonio~ Mechaila Armonio       19     Female Straight
##  5 2024/03/10 10:56:45 ~ talong7~ Christian Dave Magno   21     Male   Straight
##  6 2024/03/10 10:59:55 ~ camango~ ARGIE CAMANGON         19     Male   Straight
##  7 2024/03/10 11:00:30 ~ ventila~ Roleah Anne            20     Female Straight
##  8 2024/03/10 11:02:12 ~ katemar~ Kayt                   11     Female Straight
##  9 2024/03/10 11:09:54 ~ brillan~ Meryll Joy Mana-ay     19     Female Straight
## 10 2024/03/10 11:20:05 ~ opino.a~ Arabella Kristel ,Opi~ 20     Female Straight
## # i 40 more rows
## # i abbreviated name: 1: `Name (First Name, Last Name):`
## # i 31 more variables: `School Name:` <chr>, `SECTION:` <chr>,
## #   `Course: (Type only the name e.g Information technology)` <chr>,
## #   `How do you use canva? (Check all boxes that apply)` <chr>,
## #   `Have you used Canva to help with any assignments or projects connected to your studies?` <chr>,
## #   `using Canva for school-related work helps ME complete assignments more quickly.` <chr>, ...
```

```
#Removing the unnecessary columns (Timestamp, School Name, Section, and Course)
CleanedData <- data[, -c(1,7, 8, 9)]
```

```
#Factor Gender
genderfactor<-factor(CleanedData$`Gender:`, levels = c("Straight", "Bisexual","Gay","Lesbian","Transgen
summary(genderfactor)
```

```
##                  Straight                  Bisexual                       Gay
##                        40                         3                         0
```

```
##                   Lesbian               Transgender Non-binary/non-conforming
##                         0                         1                         0
##         Prefer Not to Say
##                         6
```

```r
#Factor Sex
sexfactor<-factor(CleanedData$`SEX:`, levels = c("Male", "Female"))
summary(sexfactor)
```

```
##   Male Female
##     23     27
```

```r
#Factor Age
#The data has "$1" as a value, converted it to "21"
CleanedData$`Age:`[CleanedData$`Age:` == "$1"] <- 21
# Convert Age: column to numeric
CleanedData$`Age:` <- as.numeric(CleanedData$`Age:`)
agefactor <- factor(CleanedData$`Age:`, levels = 11:23)
summary(agefactor)
```

```
## 11 12 13 14 15 16 17 18 19 20 21 22 23
##  1  0  0  0  0  1  1  4 14 20  8  0  1
```