# Data Comp

**[About Data]**

**About age column**

- 1 = 10 ~ 19
- 2 = 20 ~ 24
- 3 = 25 ~ 29
- 4 = 30 ~ 34
- 5 = 35 ~ 39
- 6 = 40 ~

**About gender column**

- 1 = male
- 2 = female

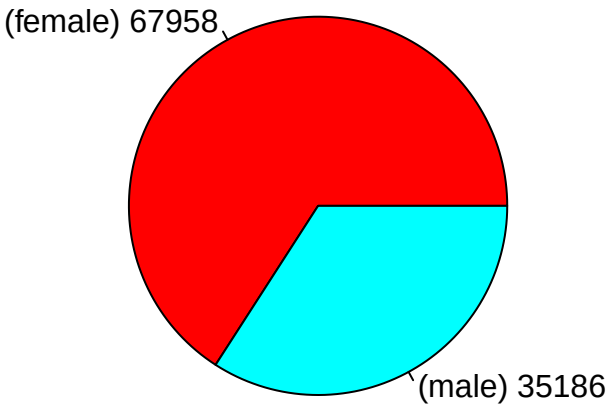
**[Start Analyzing]**

**Importing member.csv**

```
member <- read.csv("data/member.csv", header = TRUE)
```

**Creating a Pie chart of gender ratio**

```
genderRatio <- table(member["gender"] == 1)
genderHeader <- c(
  paste("(female)", genderRatio[1]),
  paste("(male)", genderRatio[2])
)
names(genderRatio) <- genderHeader
pie(genderRatio, col = rainbow(2))
```



**Creating a Pie chart of age ratio**

```
ages <- member["age"]
agesRatio <- c(
  table(ages == 1)[2],
  table(ages == 2)[2],
  table(ages == 3)[2],
  table(ages == 4)[2],
  table(ages == 5)[2],
  table(ages == 6)[2]
)

agesHeader <- c(
  paste("(10 ~ 19)"),
  paste("(20 ~ 24)"),
  paste("(25 ~ 30)"),
  paste("(30 ~ 34)"),
  paste("(35 ~ 40)"),
  paste("(40 ~ )")
)
names(agesRatio) <- agesHeader

par(mfrow=c(1, 2))
pie(agesRatio, col = rainbow(20))
barplot(agesRatio, col = rainbow(20))
```