**Assignment4 – BikeData Analysis**

**Research Question:**

How many of the cyclists rode daily, how many of these riders were male and how many female, and what were their average ages?

**Write the code for your Analysis**

How many Cyclists rode daily?

>nrow(BikeData[BikeData$cyc\_freq=='Daily',])

How many of these riders were male and female? > Daily <- BikeData[BikeData$cyc\_freq=='Daily',] Male Riders > nrow(Daily[Daily$gender=='M',]) Female Riders > nrow(Daily[Daily$gender=='F',]) Average age of all daily riders? >mean(Daily$age)

Female

> Female <- Daily[Daily$gender=='F',]> mean(Female$age)

Male

> Male <- Daily[Daily$gender=='M',]> mean(Male$age)

**Conclusion:**

We examined the data on **47** daily riders. Most of the daily riders (a total of **38** out of **47** were **Male**. The average age of all daily riders was **33.65957**. The average age of female riders was **32.55556** while the average age of male riders was **33.92105.**