# Import data from Github and explore it

***Create the dataframe***

```
x <- "~/Insync/rerosa@ier.unam.mx/Google Drive/R/R-vs-Python/Etapa_1/temixco.csv"

data_temixco <- read.csv(x)
head(data_temixco, n=10)
```

```
##                   time    Ib Ig    To    RH    WS      WD        P
## 1  2018-01-01 00:00:00    NA NA 18.70 36.34 1.422 316.000 87864.11
## 2  2018-01-01 00:10:00 0.002  0 18.95 35.29 1.008 283.700 87876.37
## 3  2018-01-01 00:20:00 0.170  0 18.94 35.43 1.565 326.000 87888.64
## 4  2018-01-01 00:30:00 0.371  0 18.77 35.89 2.175 354.500 87887.21
## 5  2018-01-01 00:40:00 0.305  0 18.81 36.34 1.902 348.000 87886.91
## 6  2018-01-01 00:50:00 0.031  0 19.23 35.40 1.468   6.668 87889.36
## 7  2018-01-01 01:00:00 0.034  0 19.23 35.67 1.368  11.670 87894.78
## 8  2018-01-01 01:10:00 0.178  0 19.25 35.60 1.122   3.498 87899.54
## 9  2018-01-01 01:20:00 0.001  0 19.21 35.97 0.332  64.510 87896.82
## 10 2018-01-01 01:30:00 0.000  0 18.32 42.31 1.428 132.200 87893.41
```

***Summary of the data***

```
summary(data_temixco)
```

```
##      time                Ib                Ig                To        
##  Length:52560       Min.   :   0.000   Min.   :   0.000   Min.   : 8.16  
##  Class :character   1st Qu.:   0.001   1st Qu.:   0.000   1st Qu.:19.35  
##  Mode  :character   Median :   0.260   Median :   3.293   Median :22.67  
##                     Mean   : 236.743   Mean   : 257.414   Mean   :22.84  
##                     3rd Qu.: 542.300   3rd Qu.: 533.900   3rd Qu.:26.03  
##                     Max.   :1021.000   Max.   :1348.000   Max.   :35.87  
##                     NA's   :137        NA's   :137                       
##        RH               WS               WD               P         
##  Min.   : 5.648   Min.   : 0.050   Min.   :  0.0   Min.   :86773  
##  1st Qu.:29.770   1st Qu.: 1.180   1st Qu.:134.7   1st Qu.:87430  
##  Median :42.600   Median : 1.785   Median :211.9   Median :87595  
##  Mean   :45.153   Mean   : 1.905   Mean   :210.7   Mean   :87591  
##  3rd Qu.:59.280   3rd Qu.: 2.460   3rd Qu.:319.8   3rd Qu.:87761  
##  Max.   :97.700   Max.   :14.860   Max.   :360.0   Max.   :88517  
##
```