My First Document

Sean Murphy

9/7/2017

Abstract

This is the abstract of my document. It contains the secret code for writing.

Only one hashtag here

Two in here

Three in here

- Point 1 made
- Point 2 made
- Point 3 made

Sorry, those were not numbered. Let's number them.

1) First point
2) Second point
3) Third point

Now that i know my basics. Let me program.

Iris dataset

Let us look at the names of the variables in the dataset.

```r
df=data.frame(mtcars)
```

```r
names(df)
```

```
##  [1] "mpg"  "cyl"  "disp" "hp"   "drat" "wt"   "qsec" "vs"   "am"   "gear"
## [11] "carb"
```

This line is going to tell me the summary of those variable.

```r
summary(df)
```
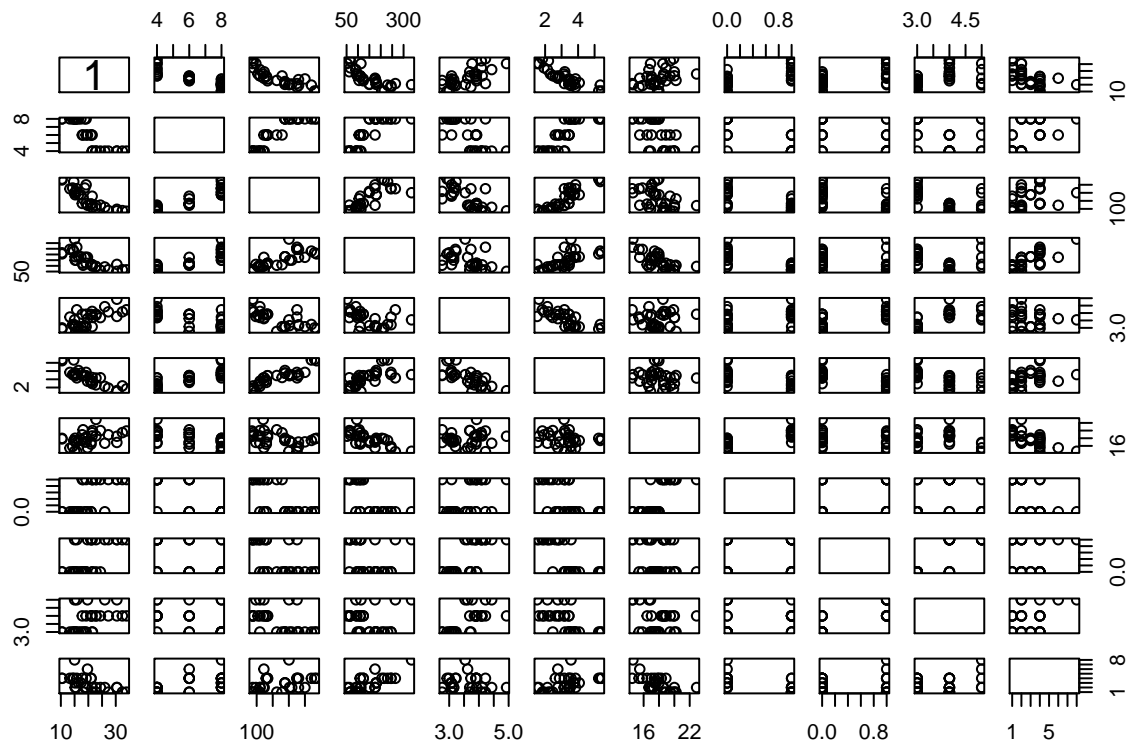
```
##       mpg             cyl             disp             hp
##  Min.   :10.40   Min.   :4.000   Min.   : 71.1   Min.   : 52.0
##  1st Qu.:15.43   1st Qu.:4.000   1st Qu.:120.8   1st Qu.: 96.5
##  Median :19.20   Median :6.000   Median :196.3   Median :123.0
##  Mean   :20.09   Mean   :6.188   Mean   :230.7   Mean   :146.7
##  3rd Qu.:22.80   3rd Qu.:8.000   3rd Qu.:326.0   3rd Qu.:180.0
##  Max.   :33.90   Max.   :8.000   Max.   :472.0   Max.   :335.0
##       drat             wt             qsec             vs
##  Min.   :2.760   Min.   :1.513   Min.   :14.50   Min.   :0.0000
##  1st Qu.:3.080   1st Qu.:2.581   1st Qu.:16.89   1st Qu.:0.0000
##  Median :3.695   Median :3.325   Median :17.71   Median :0.0000
##  Mean   :3.597   Mean   :3.217   Mean   :17.85   Mean   :0.4375
```

```
##   3rd Qu.:3.920   3rd Qu.:3.610   3rd Qu.:18.90   3rd Qu.:1.0000
##   Max.   :4.930   Max.   :5.424   Max.   :22.90   Max.   :1.0000
##        am             gear            carb
##   Min.   :0.0000   Min.   :3.000   Min.   :1.000
##   1st Qu.:0.0000   1st Qu.:3.000   1st Qu.:2.000
##   Median :0.0000   Median :4.000   Median :2.000
##   Mean   :0.4062   Mean   :3.688   Mean   :2.812
##   3rd Qu.:1.0000   3rd Qu.:4.000   3rd Qu.:4.000
##   Max.   :1.0000   Max.   :5.000   Max.   :8.000
```

Finally, a plot.

```
plot(df,1)
```


was that awesome or what?