{Assignment Part 1 & 2}
{Tinbergen Insitute}

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Instructions

I created a file .Renviron, where the python distribution is located on my system. You can find that by opening a terminal, and entering `$ which -a python python3`. Then, in RStudio, use `usethis::edit_r_environ()`, and add `RETICULATE_PYTHON="/Users/basmachielsen/opt/anaconda3/bin/python"` (or your directory) on a new line to the file. In this way, we can seamlessly interchange R and Python code chunks. Restart RStudio, and then everything is ready to go:

```
summary(cars)
```

```
##      speed           dist       
##  Min.   : 4.0   Min.   :  2.00  
##  1st Qu.:12.0   1st Qu.: 26.00  
##  Median :15.0   Median : 36.00  
##  Mean   :15.4   Mean   : 42.98  
##  3rd Qu.:19.0   3rd Qu.: 56.00  
##  Max.   :25.0   Max.   :120.00
```

```
mtcars <- mtcars
```

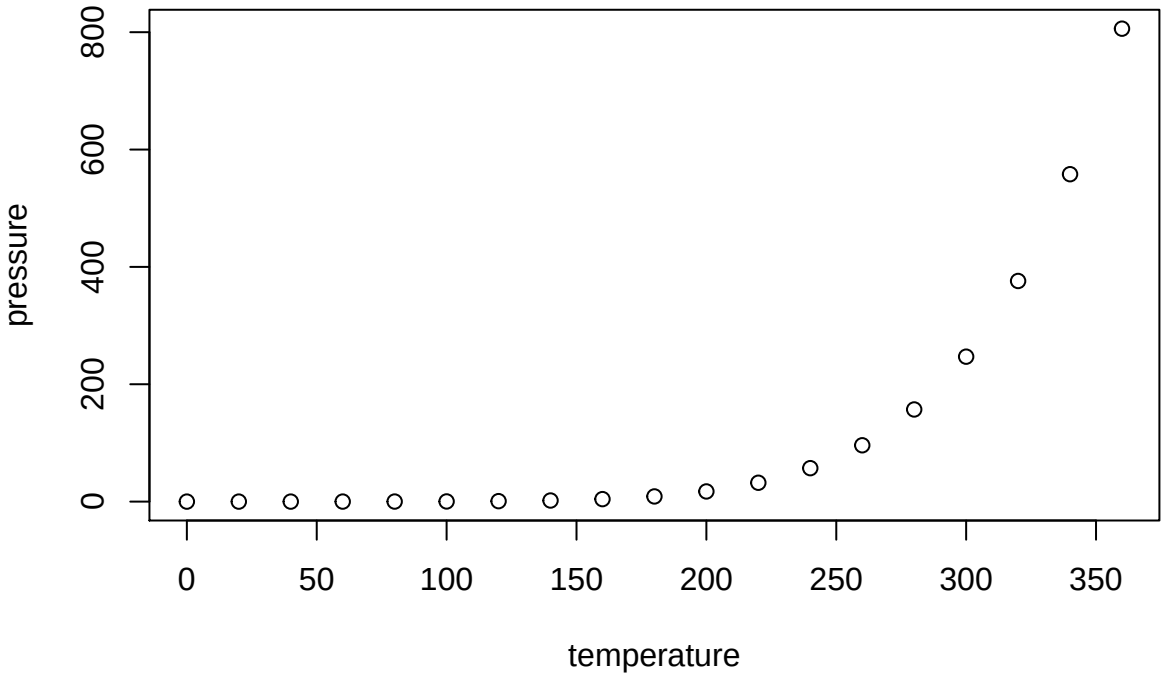
```
import pandas as pd
import numpy as np

r.mtcars.sum()
```

```
## mpg      642.900
## cyl      198.000
## disp    7383.100
## hp      4694.000
## drat     115.090
## wt       102.952
## qsec     571.160
## vs        14.000
## am        13.000
## gear     118.000
## carb      90.000
## dtype: float64
```

Including Plots

You can also embed plots, for example:



Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.

Including Matplotlib

```
hoi = np.arange(0,10)

hoi
```

```
## array([0, 1, 2, 3, 4, 5, 6, 7, 8, 9])
```

```
py$hoi
```

```
##  [1] 0 1 2 3 4 5 6 7 8 9
```

```
gert::git_branch_checkout("attempt_bas")
```

```
## <git repository>: /home/bas/Documents/git/econometrics_iii[@attempt_bas]
```

```
gert::git_add(c("*"))
```

```
##                                                       file   status staged
## 2 assignment_1/assignment_1_files/figure-latex/pressure-1.pdf modified   TRUE
## 1                              assignment_1/assignment_1.Rmd modified   TRUE
```

```
gert::git_commit(message = "Automatic commit")
```

```
## [1] "011a85bd16d295bf2ccd623a8a66bb132ac6ffdd"
```

```
gert::git_push()
```