

# R y Python

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## Reticulate

Librería que sirve para compartir R y Python

```
library(reticulate)
use_python("/Users/polbu/anaconda3/python")
#py_install("nombre del paquete a instalar")
#sirve para usar python
```

```
os= import("os")
os$listdir(".")
```

```
## [1] "R & Python.Rmd" "R---Python.html" "R---Python.pdf" "R---Python.Rmd"
## [5] "suma.py"        "Tema1"
```

```
source_python("suma.py")
suma(3,4)
```

```
## [1] 7
```

```
np<- import("numpy", convert=FALSE)
x<- np$array(c(1:4))
sum<- x$cumsum()

print(sum)
```

```
## [ 1  3  6 10]
```

```
py_to_r(sum) #para convertir de python a r
```

```
## [1] 1 3 6 10
```