

Operador Pipe

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```
# Permite concadenar operaciones
```

```
library(magrittr) #se debe llamar al usar operador pipe
```

```
library(dplyr) #produce un conflicto porque varios paquetes tienen los mismos nombre para sus funciones
```

```
##
```

```
## Attaching package: 'dplyr'
```

```
## The following objects are masked from 'package:stats':
```

```
##
```

```
## filter, lag
```

```
## The following objects are masked from 'package:base':
```

```
##
```

```
## intersect, setdiff, setequal, union
```

```
#Ejemplo 1
```

```
sort(abs(rnorm(5)))
```

```
## [1] 0.01248823 0.38933087 0.72900035 0.73744448 1.07545416
```

```
#Utilizando Pipes
```

```
rnorm(5) %>% abs() %>% sort()
```

```
## [1] 0.0930714 0.3739363 0.3975714 0.7726518 0.8732785
```

```
#Ejemplo 2
```

```
summary(rename(filter(select(mtcars, cyl, hp, drat), cyl != 6), cilindros = cyl))
```

```
##      cilindros      hp      drat
## Min.   :4.00   Min.   : 52.0   Min.   :2.76
## 1st Qu.:4.00   1st Qu.: 93.0   1st Qu.:3.08
## Median :8.00   Median :150.0   Median :3.69
## Mean   :6.24   Mean   :153.5   Mean   :3.60
## 3rd Qu.:8.00   3rd Qu.:205.0   3rd Qu.:4.08
## Max.   :8.00   Max.   :335.0   Max.   :4.93
```

#Utilizando Pipes

```
mtcars %>%  
  select(cyl, hp, drat) %>%  
  filter %>%  
  rename(cilindros = cyl) %>%  
  summary()
```

| ## | cilindros | hp | drat |
|----|---------------|---------------|---------------|
| ## | Min. :4.000 | Min. : 52.0 | Min. :2.760 |
| ## | 1st Qu.:4.000 | 1st Qu.: 96.5 | 1st Qu.:3.080 |
| ## | Median :6.000 | Median :123.0 | Median :3.695 |
| ## | Mean :6.188 | Mean :146.7 | Mean :3.597 |
| ## | 3rd Qu.:8.000 | 3rd Qu.:180.0 | 3rd Qu.:3.920 |
| ## | Max. :8.000 | Max. :335.0 | Max. :4.930 |