THE % > % OPERATOR

Ceci n'est pas un pipe.

The % > % operator

- From **magrittr** package.
- Used extensively in **dplyr**.
- % > % is a piping operator, and can be verbalised as "*then*".
- It takes the output of the left side, and uses it as the first argument of the function on the right side.

magrittr : the %>% operator

```
subset(mtcars, cyl == 6, c(mpg, wt))

mtcars %>% subset(cyl == 6, c(mpg, wt))
```

```
R                                    R Console
>   mtcars %>% subset(cyl == 6, c(mpg, wt))
                  mpg    wt
Mazda RX4         21.0  2.620
Mazda RX4 Wag     21.0  2.875
Hornet 4 Drive    21.4  3.215
Valiant           18.1  3.460
Merc 280          19.2  3.440
Merc 280C         17.8  3.440
Ferrari Dino      19.7  2.770
> |
```

magrittr : the %>% operator

```
summary(subset(mtcars, cyl == 6,
          c(mpg, wt)), digits=2)

mtcars %>%
   subset(cyl == 6, c(mpg, wt)) %>%
   summary(digits=2)
```

magrittr : the %>% operator

```
mtcars %>%
    subset(cyl == 6, c(mpg, wt)) %>%
        summary(digits=2)
```

- ► Get the mtcars data set
- ► **Then** subset it like this
- ► **Then** get the summary, with this setting

```
> mtcars %>%
+     subset(cyl == 6, c(mpg, wt)) %>%
+         summary(digits=2)
      mpg              wt
 Min.   :18    Min.   :2.6
 1st Qu.:19    1st Qu.:2.8
 Median :20    Median :3.2
 Mean   :20    Mean   :3.1
 3rd Qu.:21    3rd Qu.:3.4
 Max.   :21    Max.   :3.5
> |
```