

Programação Funcional com dplyr

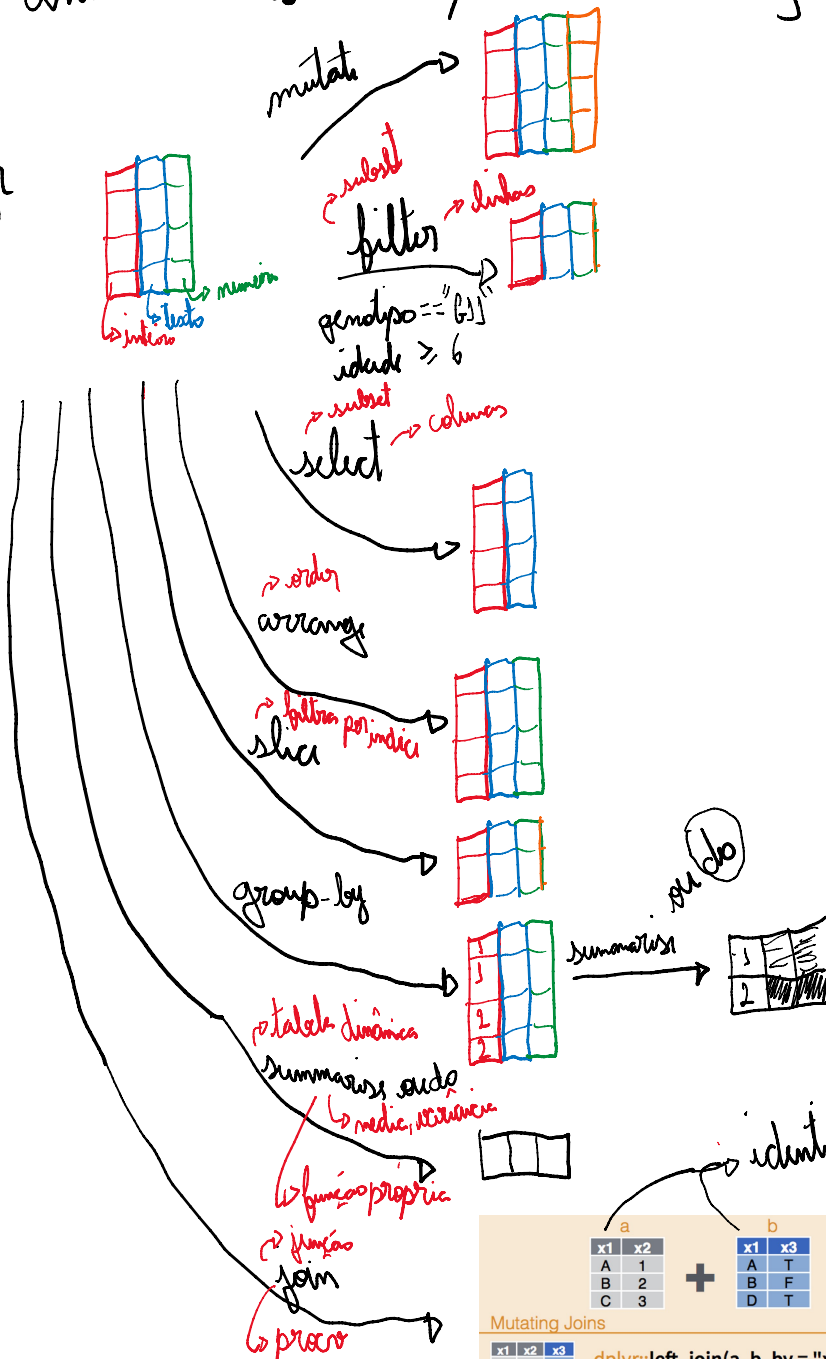
dplyr

→ Hadley Wickham
↳ pipe %>%
↳ tidyverse

organizar - arrumar - corrigir - limpar
análise - resumos - processar

{ arrumar os dados
60-90%
análise de dados
40-10%

dplyr
alicate



identificar comum: x1

a			b		
x1	x2	x3	x1	x3	
A	1	T	A	T	
B	2	F	B	F	
C	3		D	T	

+

=

Mutating Joins

x1	x2	x3
A	1	T
B	2	F
C	3	NA

dplyr::left_join(a, b, by = "x1")
Join matching rows from b to a.

x1	x3	x2
A	T	1
B	F	2
D	T	NA

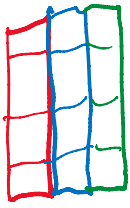
dplyr::right_join(a, b, by = "x1")
Join matching rows from a to b.

x1	x2	x3
A	1	T
B	2	F

dplyr::inner_join(a, b, by = "x1")
Join data. Retain only rows in both sets.

x1	x2	x3
A	1	T
B	2	F
C	3	NA
D	NA	T

dplyr::full_join(a, b, by = "x1")
Join data. Retain all values, all rows.



dados %>% mutate(..) %>%

fillna(..) %>%

select(...)

mutate(...)

group-by(...)

summarise(...)

slice(...)