

TIDYVERSE CHEAT SHEET

VECTORS

`c()` COMBINES ELEMENTS TO FORM A VECTOR
`c(1, 2, 3)` `c("heads", "tails")`

`length()` RETURNS THE LENGTH OF A VECTOR

`min()` RETURNS THE MINIMUM OF A VECTOR

`max()` RETURNS THE MAXIMUM OF A VECTOR

`rep()` REPEATS THE ELEMENTS OF A VECTOR

`sample()` SAMPLES RANDOMLY FROM THE ELEMENTS OF A VECTOR

DPLYR

`select()` PARES DOWN COLUMNS `students %>% select(sex, final_grade)`

`filter()` FILTERS ROWS ON LOGICAL CONDITIONS `students %>% filter(sex == "female")`
`students %>% filter(str_detect(name, "ia"))`

`arrange()` ARRANGE BY A VARIABLE `desc()`

`slice()` SELECT ROWS `students %>% slice(1:3)`

`mutate()` ADD A NEW VARIABLE OR CHANGE EXISTING VARS `students %>% mutate(final_grade = final_grade + 5)`

`summarize()` APPLY AGGREGATE FUNCTIONS TO VARIABLES `students %>% summarize(grade_min = min(final_grade))`

`group_by()` ADD A GROUPS ATTRIBUTE `students %>% group_by(sex) %>% summarize(grade_min = min(final_grade))`

GIGIPLLOT

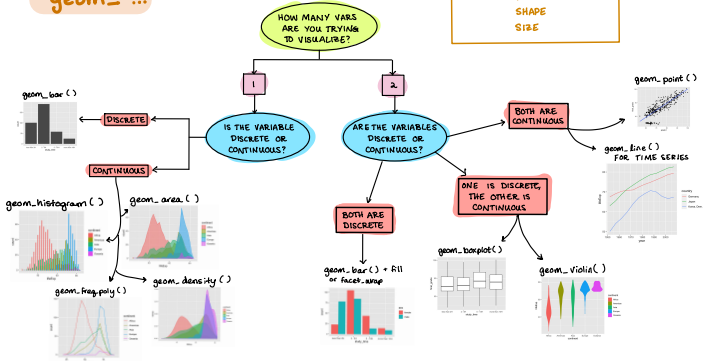
`data %>%`

`ggplot(aes(x = var, ...)) +`

`geom_...`

GIGIPLLOT AESTHETICS:

x
y
color
fill
shape
size

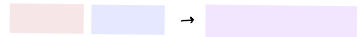


JOINS

`bmd_rows(x, y)`



`bmd_cols(x, y)`



`left_join()`

`left_join(studentsA, studentsB, join_by(name))`

