Window Functions

Window functions create new variables and are used inside of a mutate verb. Unlike other functions used inside mutate, these depend on the ordering of the data.

lag(var, n = 1)
lead(var, n = 1)

cumsum(var)
cummean(var)

roll_mean(var, n = 3)
roll_median(var, n = 3)
roll_min(var, n = 3)
roll_max(var, n = 3)

Window functions are not particularly hard to use but they do require an attentive understanding of your data. Note that these functions do respect grouping and often create missing values at the end points.