Exam	1 review
baill : . wo	P
map'.	apply a function to each element of a rector or list arector (map-obs, map-1g1, give
for exo	autent: list (map-dd, map-lg1, give different atput types) csv-paths = vector of file paths ("file-1-csv", "file-2-csv",)
ist of dataframes	map(csv-paths, read-csv) -> read-csv("file-1.cs function to apply read-csv("file-7. rector or list to apply function to

input_data L- map(csv-paths, read_csv) for loop alternative. Lempty list to fill in input - data L- list () (ac: For (i in lilength(csv-paths)) } for (1 in seq-along(csxpety)) input_outa [[:]] L- Read-CSV (CSV-Paths[:]) im file path read in in file path Store the date frame in

it entry of hat_dota list

Functions Q: when do we need multiple arguments? -when the user needs to specify multiple pieces of information correlation: relationship between two variables Correlation L- function (X, y)

Variable 2

Variable 1 le norm. 1) vector to take norm of 2) value for p lp-norm L- function (X, P)

Q: When do I went an function? anonymas A: When at least 2 conditions are satisfied: O the function is short (Some can with on one line) 2) I aly went it in one or 2 places in my code (functions which get used repeatedly should be named) ex: If we want a special case of a general function (e.g., fixing some of the arguments) 10-norm 2- function (x, p) { ... } (calculates ||x||p) list of vectors X-1ist map (x-list p-norm) want. IIX, IIZ X\ XZ fails bk the function 11 X2112 to map can only 11 ×3112 table largunent $\left(\begin{array}{c} \times 3 \\ \end{array}\right)$ map (x-list, function(x) 10-nom(x, 2))