Week 3 Quiz

CALIFICACIÓN DEL ÚLTIMO ENVÍO

100%

Take a look at the 'iris' dataset that comes with R. The data can be loaded with the code:	1 / 1 puntos
<pre>1 library(datasets) 2 data(iris)</pre>	
A description of the dataset can be found by running	
1 ?iris	
There will be an object called 'iris' in your workspace. In this dataset, what is the me of 'Sepal.Length' for the species <i>virginica</i> ? Please round your answer to the near owhole number.	
(Only enter the numeric result and nothing else.)	
7	
 Correcto To get the answer here, you can use 'tapply' to calculate the mean of 'Sepal.Length' within each species. 	
Continuing with the 'iris' dataset from the previous Question, what R code returns a vector of the means of the variables 'Sepal.Length', 'Sepal.Width', 'Petal.Length', an 'Petal.Width'?	1/1 puntos d
apply(iris, 2, mean)	
rowMeans(iris[, 1:4])	
colMeans(iris)	
apply(iris[, 1:4], 1, mean)	
apply(iris, 1, mean)	

Correcto		
Load the 'mtcars' datase	et in R with the following code	1/1 p
1 library(datasets 2 data(mtcars)	5)	
There will be an object r information about the da	names 'mtcars' in your workspace. You can find some ataset by running	
1 ?mtcars		
the car (cyl)? Select all t	that apply.	
the car (cyl)? Select all t tapply(mtcars\$cyl, m sapply(split(mtcars\$	that apply. Intcars\$mpg, mean) Impg, mtcars\$cyl), mean)	
the car (cyl)? Select all tapply(mtcars\$cyl, msapply(split(mtcars\$	that apply. Intcars\$mpg, mean) Impg, mtcars\$cyl), mean)	
tapply(mtcars\$cyl, m sapply(split(mtcars\$ Correcto with(mtcars, tapply(n	that apply. Intcars\$mpg, mean) Impg, mtcars\$cyl), mean) Impg, cyl, mean))	
tapply(mtcars\$cyl, m tapply(mtcars\$cyl, m sapply(split(mtcars\$ Correcto with(mtcars, tapply(n Correcto	that apply. Intcars\$mpg, mean) Impg, mtcars\$cyl), mean) Impg, cyl, mean)) Impg, cyl, mean))	
tapply(mtcars\$cyl, m tapply(mtcars\$cyl, m sapply(split(mtcars\$ Correcto with(mtcars, tapply(n Correcto mean(mtcars\$mpg,	that apply. Intcars\$mpg, mean) Impg, mtcars\$cyl), mean) Impg, cyl, mean)) Impg, cyl, mean))	

	split(mtcars, mtcars\$cyl)	
	sapply(mtcars, cyl, mean)	
4.	Continuing with the 'mtcars' dataset from the previous Question, what is the absolute difference between the average horsepower of 4-cylinder cars and the average horsepower of 8-cylinder cars?	1 / 1 puntos
	(Please round your final answer to the nearest whole number . Only enter the numeric result and nothing else.)	
	127	
	✓ Correcto	
5.	If you run	1 / 1 puntos
	1 debug(ls)	
	what happens when you next call the 'ls' function?	
	what happens when you next call the 'ls' function? You will be prompted to specify at which line of the function you would like to suspend execution and enter the browser.	
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	You will be prompted to specify at which line of the function you would like to suspend execution and enter the browser.	
	 You will be prompted to specify at which line of the function you would like to suspend execution and enter the browser. The 'ls' function will execute as usual. Execution of 'ls' will suspend at the beginning of the function and you will be in the 	