lis4370module11.R

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tukey\_multiple <- function(x) {  
 outliers <- array(TRUE,dim=dim(x))  
 for (j in 1:ncol(x))  
 {  
 outliers[,j] <- outliers[,j]  
 }  
 outlier.vec <- vector(length=nrow(x))  
 for (i in 1:nrow(x)){   
 outlier.vec[i] <- all(outliers[i,])   
 }   
 return(outlier.vec)   
 }  
  
test <- replicate(1, rnorm(10)\*100)  
test

## [,1]  
## [1,] -43.95532  
## [2,] 32.68062  
## [3,] -20.62630  
## [4,] 43.68546  
## [5,] -159.14499  
## [6,] -75.77736  
## [7,] -164.74602  
## [8,] -73.78376  
## [9,] -67.59878  
## [10,] -168.01351

tukey\_multiple(test)

## [1] TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE

library(funModeling)

## Warning: package 'funModeling' was built under R version 4.2.3

## Loading required package: Hmisc

## Warning: package 'Hmisc' was built under R version 4.2.3

##   
## Attaching package: 'Hmisc'

## The following objects are masked from 'package:base':  
##   
## format.pval, units

## funModeling v.1.9.4 :)  
## Examples and tutorials at livebook.datascienceheroes.com  
## / Now in Spanish: librovivodecienciadedatos.ai

tukey\_outlier(test)

## bottom\_threshold top\_threshold   
## -473.8367 309.0750