Coursera - Developing Data Products –

Quiz 3

1. Question 1

Which of the following items is required for an R package to pass R CMD check without any warnings or errors?

- example data sets
- vignette
- DESCRIPTION file
- a demo directory

Answer

- DESCRIPTION file

Question 2

Which of the following is a generic function in a fresh installation of R, with only the default packages loaded? (Select all that apply)

- mean
- lm
- dgamma
- show
- predict
- colSums

Answer

- show
- mean
- predict

Question 3

What function is used to obtain the function body for an S4 method function?

- showMethods()
- getClass()
- getMethod()
- getS3method()

Answer

- getMethod()

Question 4

Please download the R package DDPQuiz3 from the course web site. Examine the createmean function implemented in the R/ sub-directory. What is the appropriate text to place above the createmean function for Roxygen2 to create a complete help file?

Answer

#' This function calculates the mean

#'

#' @param x is a numeric vector

#' @return the mean of x

#' @export

#' @examples

#' x <- 1:10 #' createmean(x)