DS 413/613 Homework 11 Shiny Apps

Provided is a Shiny App that I created using the notes and code that we have used in class up to this point. The app consists of a boxplot and a histogram produced by randomly selected values that are normally distributed. Inputting values in the sample size box will in turn produce different boxplots and histograms accordingly.

I am providing most of the code needed to produce the app. **Your assignment is to add code to the server component that will produce the histogram and adjust the coding so that your app will reflect your name (not mine).**

Email me the R script file that has the code that will produce the entire Reactive app.

ui <- fluidPage(

h2("BoxPlot and Histogram", style = "color:red"),

h4("by James Dickens", style ="color:blue"),

numericInput(inputId = "n", label = "Sample size", value = 25),

plotOutput(outputId = "boxplot"),

plotOutput(outputId = "histogramplot")

)

server <- function(input, output) {

output$boxplot <- renderPlot({

boxplot(rnorm(input$n))

})

}

shinyApp(ui = ui, server = server)

An image of the app is on the following page.



