Notes 4/5/19

Continuation of Shiny Apps

* Need to install.packages(“colourpicker’), for useful Shiny features
* Library(ggplot2)
* Library(shiny)

[Input widget]

Output: [Main Panel]

[Sidebar Panel]

[Title Panel]

*Panels:*

sidebarLayout(

sidebarPanel(

selectInput(inputId= “xvar”,

label = “…”,

value = “mpg”),

selectInput(inputId = “yvar”,

label = “…”,

value = “hp”),

sliderInput(inputId = “size”,

label = “…”,

…),

),

colourInput(inputId = “color”,

label = “select a color”,

value = “#555555”,

showColour = TRUE),

checkboxInput(…, value = FALSE),

mainPanel(

plotOutput(“distPlot”)

)

)

)

*Main Panel & Plot:*

Server <- function(input, output) {

output$distPlot <- renderPlot({

Gg <- ggplot(data=mtcars, **aes\_string(**x=input$xvar,y=input$yvar) + geom\_point(colour = input$color)

If(input$regression) {

Gg <- gg + geom\_smooth()

}

})

}