Go to file/function | Addins | Project: (None)

asn07.R | ui.R | server.R | server.R | ui.R

Reload App

```r
# k-means only works with numerical variables,
# so don't give the user the option to select
# a categorical variable
library(shiny)

vars <- setdiff(names(iris), "Species")

ui <- fluidPage(
  pageWithSidebar(
    headerPanel('Density of iris properties'),

    sidebarPanel(
      selectInput('xcol', 'Variable', vars)
    ),

    mainPanel(
      plotOutput('plot1')
    )
  )
)

```

21:1 (Top Level) R Script

Console

asn07.R | ui.R | server.R | server.R | ui.R

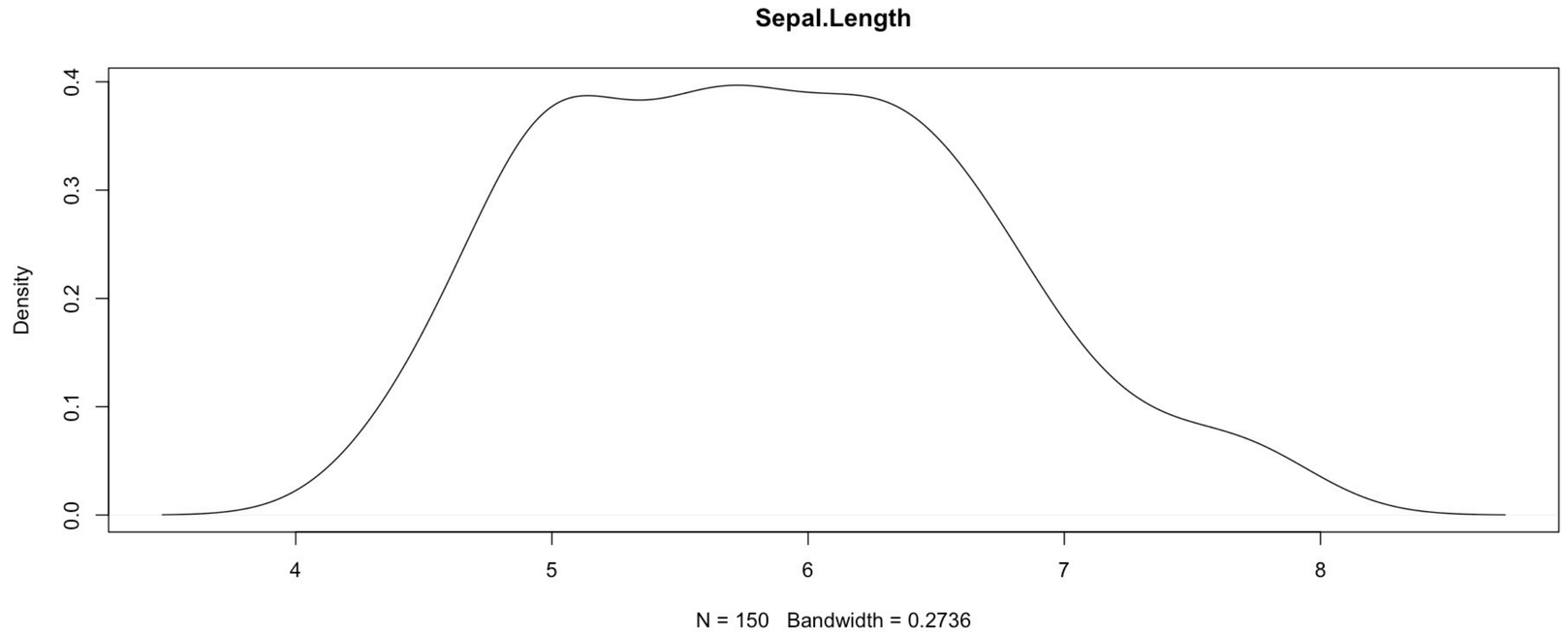
Reload App

```r
server <- function(input, output, session) {
  # Combine the selected variables into a new data frame
  selectedData <- reactive({
    iris[, input$xcol]
  })

  output$plot1 <- renderPlot({
    palette(c("#E41A1C", "#377EB8", "#4DAF4A", "#984EA3",
      "#FF7F00", "#FFFF33", "#A65628", "#F781BF", "#999999"))

    par(mar = c(5.1, 4.1, 4.1, 1))

    plot(density(selectedData()),
         main=input$xcol)
  })
}

```

Density of iris properties

Variable

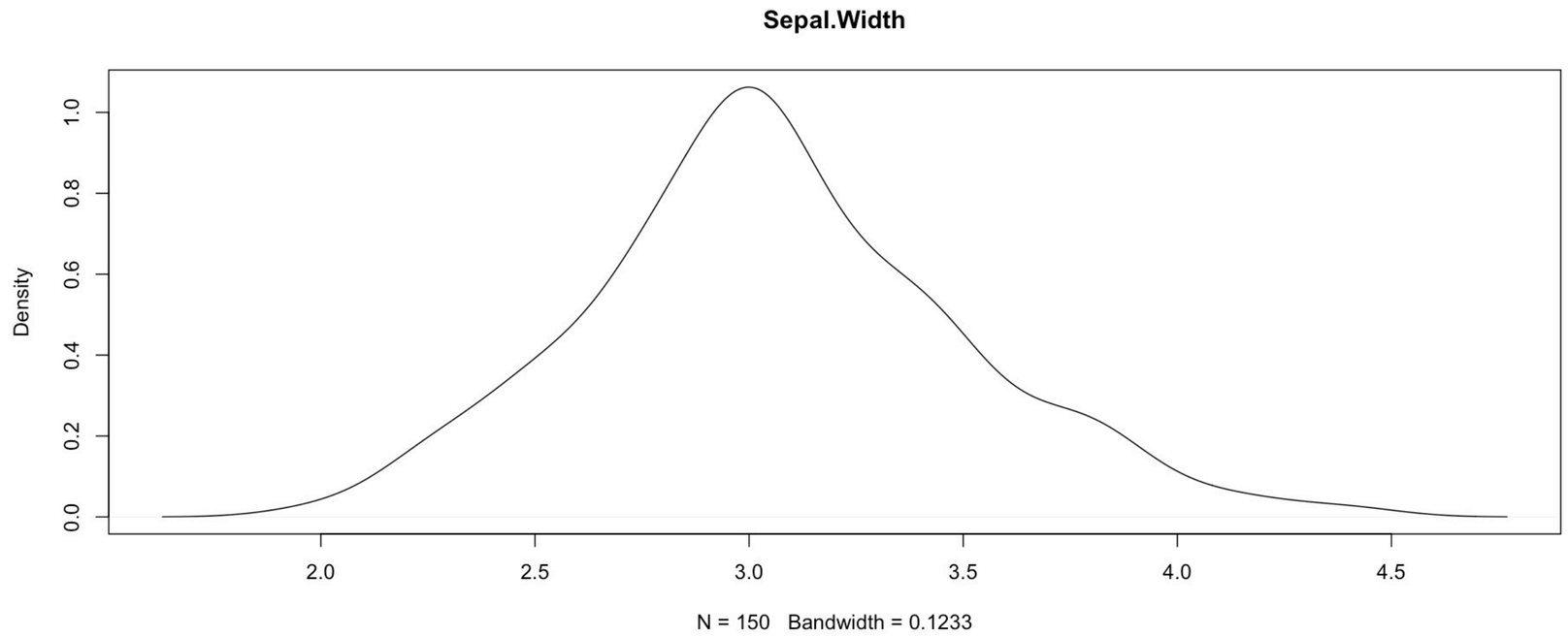
Sepal.Length



Density of iris properties

Variable

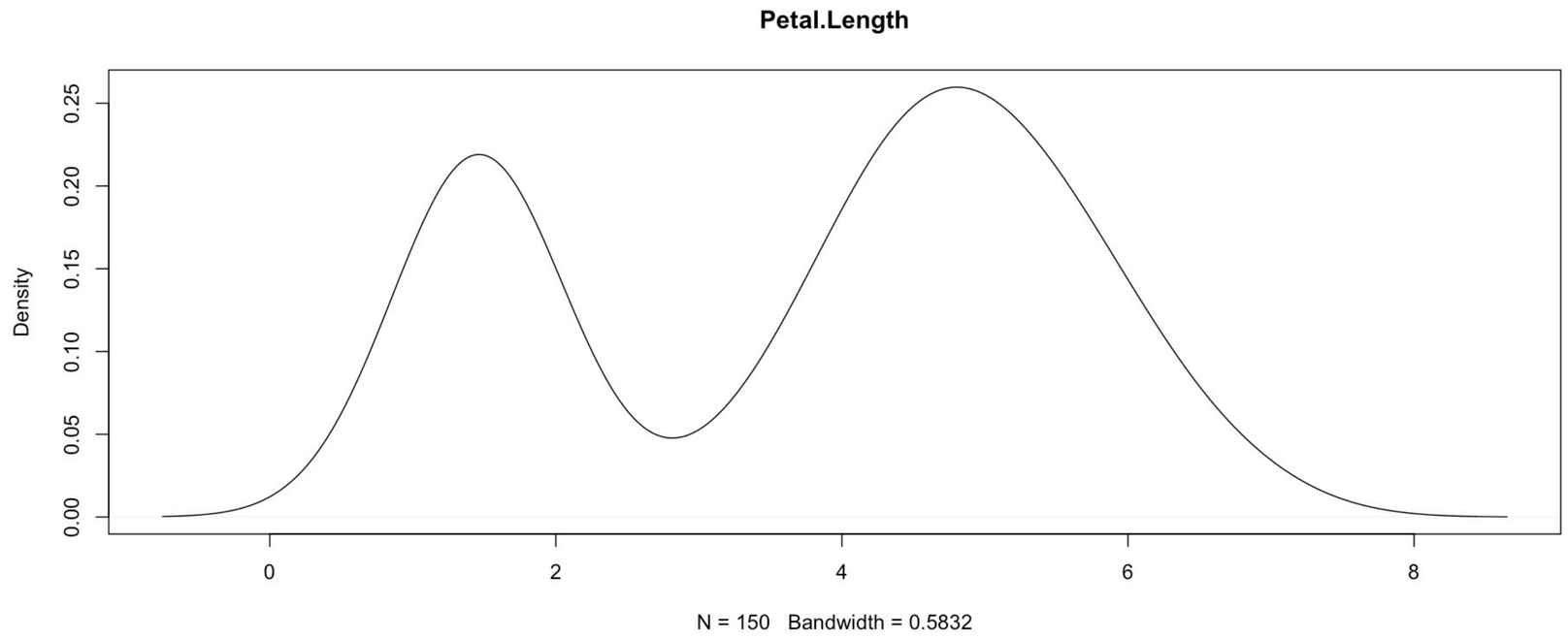
Sepal.Width



Density of iris properties

Variable

Petal.Length



Density of iris properties

Variable

Petal.Width