

R SHINY APP

CODE FOR SHINY APP

```
#
# This is a Shiny web application. You can run the application by clicking
# the 'Run App' button above.
#
# Find out more about building applications with Shiny here:
#
#   http://shiny.rstudio.com/
#

library(shiny)

# Define UI for application that draws a histogram
ui <- fluidPage()

library(ggplot2)

# Assuming "DataSc" is your dataset containing "age" and "mental_state" columns
DataSc

ui <- fluidPage(
  sidebarLayout(
    sidebarPanel(
      # No input required in this example
    ),
    mainPanel(
      plotOutput("histogram")
    )
  )
)

server <- function(input, output) {
  output$histogram <- renderPlot({
    # Create the histogram plot using ggplot2
    ggplot(DataSc, aes(x = Age , fill = MMSE_class_binary)) +
      geom_histogram(binwidth = 5, position = "dodge") +
      labs(x = "Age", y = "Count", fill = "Mental State") +
      theme_minimal()
  })
}
```

```
shinyApp(ui, server)
```

RESULT

