

# STAT 451 - Visualizing Data - Autumn 2025

## Lab 4: Shiny - Exercise 2

Create a folder with two files `ui.R` and `server.R`.

Write code to:

- Let the user define the number of observations  $N$  and the title of the plot,
- Make a histogram of the values obtained when generating  $N$  samples from a normal distribution.

You may use `sliderInput(inputId, label, min, max, value, step)` for the slider and `plotOutput()` to include the plot in the file `ui.R`. You may use `renderPlot()` to make the plot in the file `server.R`.