

STAT 451 - Visualizing Data - Autumn 2025

Lab 4: Shiny - Exercise 1

Create a new Shiny document.

Write code to:

- Read the old faithful dataset (`faithful`),
- Make a scatter plot of waiting time (`faithful$waiting`) vs eruption time (`faithful$eruptions`),
- Fit a linear regression between the two variables (you can use `ggplot2` function `stat_smooth`).

Add a checkbox to run the linear regression only if the box is checked by the user.