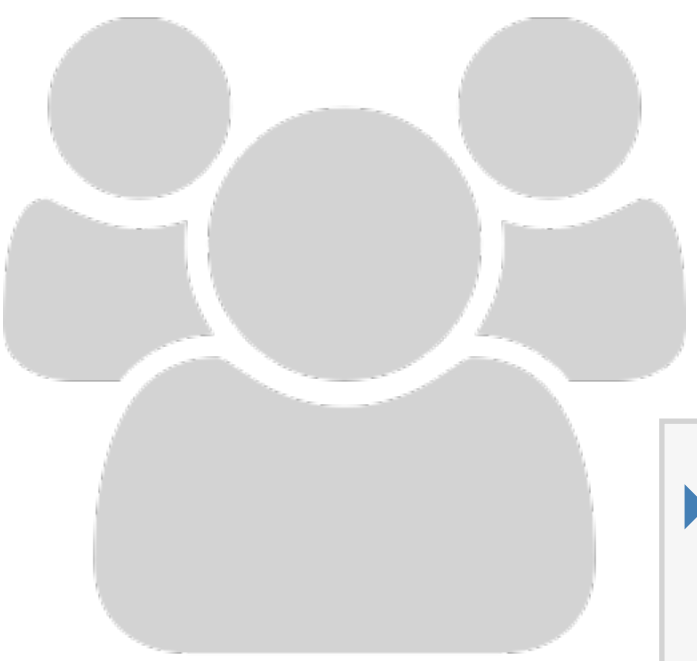


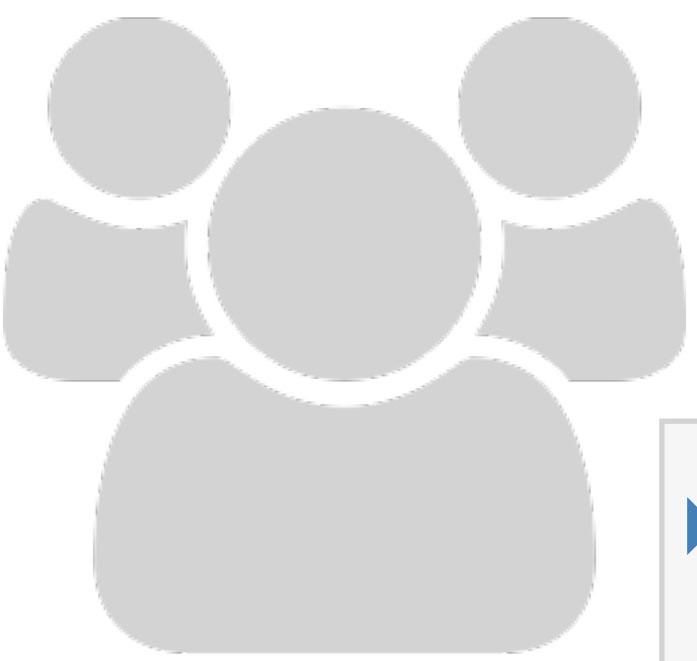
# EXTENDED EXERCISE 2

# EXERCISE



- ▶ Work in teams of 3-5 people. Split up your team to work on three distinct modules, then combine them into one app.
  - ▶ Module 1: Accept CSV file upload
  - ▶ Module 2: Use `selectInputs` to map parameters to aesthetics (x, y, color)
  - ▶ Module 3: Plot output using `ggplot2` (hint: you may need to use **`aes_string()`** instead of **`aes()`**)
- ▶ Before you start coding, come to agreement about what each module's UI will contain, and what each module's server function's parameters/return values will look like.
- ▶ There's sample CSV data in **`apps/dataviewer/mtcars.csv`**.
- ▶ Example: <https://beta.rstudioconnect.com/content/2346/>

# EXERCISE



- ▶ To do this well, you'll need **req()** and **updateSelectInput()**, which we haven't covered in depth. If you need a hint, see **`apps/dataviewer/exercise_2.hint.R`**.
- ▶ Finished early? Have Module 3 accept clicks, and show details about the clicked observation in a 4th module.



# SOLUTION



See:

`apps/dataviewer/exercise_2.solution.R`

and

`apps/dataviewer/exercise_2.solution2.R`



# EXTENDED EXERCISE 2

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