Problem Set 1

Hello & Welcome to R

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F2025

Before attempting this assignment, be sure to follow the insturctiosn noted in the Preliminaries page under "Course Content".

Submit: .R File (Optional)

In an .R file, write code to answer the following questions. Make sure your file is appropriately titled and headered.

Note: You can submit this R file in Week 2, if you prefer.

1. Create an object named `aardvark` that stores a 3 as a single number
2. Create a second object named `boomba` that stores a 6 as a single number
3. Create a third object named `centauri` that is the addition of `aardvark` and `boomba`
4. Create a fourth object named `diabolical` that is the multiplication `aardvark` and `boomba`
5. Create an object named `ebullient` that stores three numbers as a vector: 4,5,and 6
6. Create an object named `fastidious` that stores three numbers as a vector: 8,9, and 11
7. Add `ebullient` and `fastidious` together, and store it in an object named `george`
8. Find the mean (average) of `fastidious`, and store it in an object named `zoinks`

Submit: PDF file (Due Week 1)

Answer the following questions and upload as a PDF to Blackboard.

1. What is your name and program of study at Syracuse?
   (Optional: provide your pronouns, if you wish.)
2. What is your prior experience with statistics, data analysis, R, and computer programming generally?
3. What are you hoping to get out of this class?

4. Please include a picture of yourself!

    - It can be anything – just make sure that you are the only person in the picture so I can clearly identify you.

5. What is the mean of the `fastidious` object from your .R assignment above?