

1: Welcome to R

Due Week 1

Prof. Jack Reilly

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Before attempting this assignment, be sure to follow the instructions noted in the [Preliminaries](#) page under “Course Content”.

Submit: PDF file

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 below?

Submit: .R Work

Navigate to the first R At-Home workshop for the class: [R At-Home Workshop #1](#). Complete the questions in the webpage. Once you have finished, return here to complete the problem set below. When you are done, download the R history file and upload it to Blackboard alongside your PDF file.

Write code to answer the following questions.

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 of `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`
9. When you have completed the above, click “Download R History File” on the right. Upload that file to Blackboard to complete the assignment.