Lab Information

Statistical Modeling & Simulation in R

EDP 380C.28: Fall 2022

Unique: 12104

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Labs

Each lab will consist of a document that provides you with the requirements necessary to complete a specific topic—for example, simulating data from a linear regression. You are allowed to collaborate with one other partner on the lab, but you must provide your own completed lab. Each lab is graded on an insufficient/sufficient scale for the following four items:

1. **Completeness of the requirements and Organization:**
   - Did you satisfy the requirements given to you in the lab?
   - Does the code run without error?
   - Does the code obtain the correct results?
2. **Design and Organization:**
   - Is the code flow decomposed into manageable, logical chunks?
   - Is common code unified (i.e., not copy/pasted same chunks multiple times).
3. **Cleanliness/Readability:**
   - Did you follow the Style Guide?
   - Is the code free of clutter or unused/dead code?
   - Are you consistent with the use of whitespace, indention, and capitalization?
   - Are you breaking sections of the code with additional white space?
   - Are variable and function names consistent and descriptive?
4. **Commenting:**
   - Do you provide informative comments throughout your code?
   - This includes per function level, per logical section, and per module.
   - Are inline comments used when needed to decipher complex expressions?

You must obtain sufficient on all four categories to obtain an overall "sufficient" for the lab. Upon submitting your lab, I will grade it and provide you with feedback. If you do not receive a "sufficient," you must make the appropriate changes based on the feedback and resubmit it until you receive a "sufficient."