

Checklist before the submission

Your final project will be graded based on the following items:

- Introduction
 - Provide enough background to the reader such that they can understand your goal
- Summary statistics and data visualization
 - Is your summary statistics correct and informative
 - Is your visualization of the data correct and informative
 - Are plots, tables, etc. properly displayed
- Methods
 - Appropriate methods from class are used.
 - Methods are applied correctly.
- Results
 - Results are clearly organized using plots/tables.
 - Correct and useful metrics are used.
- Discussion
 - Correct conclusions are drawn from the results.
 - How the results relate to the goal is discussed.
 - Objectively summarize your findings and analysis experience
- Use of R
 - Does your code perform the desired task?
 - Is your code readable?
- General, Readability
 - Is your report easy to read with clear logic
 - Is it written in a manner such that a reader does not already need to be familiar with the data?
- Extra credit
 - In Introduction, some related work (e.g. other papers that analyzed the same or similar data) has been reviewed (literature review).
 - Any new idea/method is attempted to improve the results further for the particular problem.

Note: Put all your codes in the Appendix. Also, when submitting your work, you need to submit 1) the final report, 2) the data file used for the project, and 3) the .R file that contains all your codes.