

Lab Checklist for

STAT 445/645 Intro to Statistical Computing

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Please use this checklist [1] to ensure that your lab report is well prepared. I recommend adding and sharing your own ideas for this list.

Checklist

- ☐ **1. Completeness**
 - ☐ Answered all major questions (e.g., **1a**).
 - ☐ Answered all minor questions within questions (e.g., is that surprising?).
 - ☐ Attempted all challenges.
- ☐ **2. Accuracy**
 - ☐ Asked classmates about any questions I'm unsure of.
 - ☐ Asked the instructor any questions that we're unsure of.
 - ☐ Checked with classmate(s) on all answers and came to a consensus.
 - ☐ Answered all questions precisely (e.g. give your answer in Mb not bytes).
 - ☐ Double checked for bugs or conceptual errors after drafting the responses.
- ☐ **3. Presentation**
 - ☐ Used RMarkdown to “fontify” code, responses, and output.
 - ☐ Designed, labeled, and placed figures appropriately.
 - ☐ Organized responses near the question asked.
 - ☐ Edited code for readability and brevity.
 - ☐ Modified code so that it's output is concise and readable.
- ☐ **4. Communication**
 - ☐ Used appropriate language and vocabulary.
 - ☐ Commented code appropriately.
 - ☐ Answered the questions and only the question directly (no fluff).
 - ☐ Double checked spelling and grammar.
 - ☐ Edited my responses to be concise yet thoughtful.

References

- [1] Gawande, Atul (2010) *The Checklist Manifesto*, vol. 1. Penguin Books India