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| CSDE 502 2021 Winter Assignment 3 Integrating R Markdown Instructor: Phil Hurvitz phurvitz@uw.edu |
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Due Date: 2021-01-28 09:00 AM

Instructions:

1. Create an R Markdown Rmd file and render it to a self-contained HTML file. Use the output format **bookdown::html_document2** in the YAML header so you can use various methods of cross referencing. Feel free to use any of the code examples provided or any other resources at your disposal.
2. Upload both the Rmd and HTML files to the course Canvas site (<https://canvas.uw.edu/courses/1434040>). Upload two separate files rather than creating a zip file.

Explanation:

This assignment is designed to integrate knowledge from previous lessons to create an informative, easy-to-read, transparent, and reproducible document.

Guidelines:

Using the Add Health data set that was introduced in the lesson for week 2 (http://staff.washington.edu/phurvitz/csde502_winter_2021/week2.html#tidyverse), create an HTML document that does some exploratory data analysis.

It is not necessary to perform any major analysis ... we will get into more data manipulation, recoding, etc. later in the term.

Make sure your document includes at least the following:

1. Your name and contact information
2. Date of creation
3. A table of contents
4. Sequentially numbered section headers
5. At least one figure with a caption
6. At least one table with a caption
7. At least one LaTeX-generated equation with an equation number
8. Code-generated cross-references within the text to the figure, table, and equation (use any of the cross-referencing methods presented in the lesson)
9. At least one citation and a bibliography (note: BibTeX formatted reference data can be exported from EndNote, Mendeley, and Zotero)
10. Source code at the end of the document as shown in previous examples