

A6: Assignment – Communicate with R Markdown

Use R Markdown to form a shell of a Data Science Portfolio.

What is a Data Science Portfolio?

A data science portfolio is a website (or other) collection of projects done that showcase your skills as a data scientist. The portfolio should highlight your skills that will set you apart from other data science candidates.

The assignment is to assess your ability to use R Markdown but while doing so you will create a template of a portfolio that you will be able to build upon during your career. The site should be about you – have fun with it!

YOU MAY NOT USE an example directly from the video/notes.

Your portfolio at a minimum should include the following sections:

- About Me Section (introduce yourself, provide a picture, etc.)
- Project Sections (list your projects, provide links, provide descriptions, and/or pictures) [Note: If you don't have any data science projects yet, that is ok. Just make sure you have a place holder for your projects]
- Links Section (any links that are professionally appropriate: do you have a blog?, link to code (GitHub), LinkedIn profile, etc.)

Within the portfolio assignment you should include the following:

1. Bolded text (not including headers)
2. Italicized text
3. Bulleted list (with sub bullets)
4. At least 2 levels of headers
5. At least 1 picture
6. At least 1 hyperlink
7. Horizontal rule/slide break
8. Table of Contents
9. Numbered sections – numbered by R Markdown
10. Color text
11. Tabs
12. A theme
13. R code demo: R code chunk that does NOT display code but does display output
14. Side by Side Figures
15. Embed the Rmd source code within your html document and provide a link that can be used by readers to download the code (Hint: see `rmarkdown::html_document` documentation)