

HUDM 5026 - Introduction to Data Analysis and Graphics in R

HW 01 – Use Markdown for the first time

Instructions.

- Use R Markdown to create an html document with the homework tasks.
 - You are encouraged to discuss problems with classmates, but all work you submit must be your own.
 - As always, any plots should have appropriate axis and overall labels.
1. Since this may be your first time using R Markdown, this first task is going to ask you to explore some different options in Markdown.
 - (a) Create a Markdown document with three sections so that each section has a heading in a large font that says, "Section 1", "Section 2", and "Section 3".
 - (b) In Section 1, create a numbered list with three items such that the first element is a sequence of integers using the colon operator; the second element is a sequence from 0 to 100 by 10s; and the third element repeats the numbers 1, 3, 5, 7, and 9, each 10 times.
 - (c) In Section 2, assign a numeric value to the name `x` and then do some arithmetic using `x`.
 - (d) In Section 3, surprise me.
 2. Create a plot of some kind and use `echo = FALSE` so that only the plot prints but not the code used to create it. Since we haven't covered plotting yet, you'll be forgiven if your axis labels are not pretty.
 3. Look over the R Markdown Cheatsheet mentioned in the notes and available [here](#). Pick three features mentioned in the Cheatsheet and discuss them briefly here.

And that's a wrap. Knit your file and save the html output and then upload it to Canvas.