Peer Review for Kyle McCullough (Milestone 1)

By Tony Balfanz

Project

Category	Full Marks (3 Points)	Partial Credit (2 Points)	Partial Credit (1 Points)	No Marks (0 Points)	Score
Quality of Work	Work (e.g., code) looks correct and organized. The project's readme file is clear, intelligible, and give a good idea of what the project is about.	Work (e.g., code) looks mostly correct and organized. The code could be better structured. OR the project readme file is somewhat unclear.	Work (e.g., code) is mostly disorganized. OR the project readme file is very unclear.	No code is given.	**3**
Comments (e.g. Give an example of what could be improved. How can the code or readme file be improved?, etc.)	As someone who's never worked with R before, the comments are helpful to point out what the code is doing. Right now, it looks like the code primarily cleans up existing data. There's a lot of repeated lines for each column, but this cleanup is just done once ahead of analysis and it's easy enough to read, so it's probably fine as-is. One question I have about the weighted average is related to how NA entries are being converted to zeros. I could see that being a potential issue later on if, for example, you wanted to capture an average with the whole dataset; unless zeros are excluded from the average calculation, the average would be skewed towards zero. Perhaps that doesn't matter for your work (in which case you can ignore my concern), or perhaps there's a different way to handle those entries later on.				

Intellectual Merit	The project looks interesting, creative, and/or substantial.	The project is interesting, creative, and/or substantial, but does not seem feasible to do in a semester.	The project lacks substantial complexity.	No code is given or the project description is too vague to determine if the research has merit.	3
Comments (e.g. Give an example of what could be improved. If the project is too complex, what parts of the project could feasibly done? If the project is too simple, what features could be added?)	It looks like the bulk of the work lies in the analysis of preexisting data which can be deceivingly complex, but with the dataset you've chosen, I think it's a decent amount of work for a semester. You have several questions that you're trying to answer which I think helps give you more work that requires additional analysis.				
Video	The video gives a helpful, clear depiction of the project.	The video gives a helpful, clear depiction of the project, but is confusing or vague in parts.	The video does not give a helpful, clear depiction of the project.	The video is missing or is inappropriate.	3

Comments (e.g. Give constructive feed back to help improve the presentation style.)	The video definitely helps to explain the project and the methodology and fills in some gaps left by the project description. The combination of project overview and a brief dive into the code you have so far is great. I'm interested in seeing how the project develops and how you're able to use programming to answer the project's questions.