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DATA 512A

10/4/22

<div align="center">Reading Reflection 1</div>

1. **In 2-5 full, grammatically correct sentences, answer the question "How does this reading inform your understanding of human centered data science?"**
In the reading "Assessing Reproducibility", the book emphasizes on the idea of being able to reproduce the solutions that papers and articles create. This idea carries into my understanding of human centered data science because research in this field can become so arbitrary and narrow-focused that they don't produce a benefit to other researchers who are trying to extend their findings. In the article, it specifies software documentation as an important removal of barriers when trying to comprehend research. In many papers, we sometimes don't get a github repo of the codebase that they are working on. This reading helped inform me on the importance of open source and interpretability and access for all.

2. **In a list of bullet points, no more than one sentence each state:**
   - **What was the question that the author tried to answer or raise as important?**
     - The author was trying to raise the importance of reproducing and expanding upon research through replication and reusability.
   - **What was the method used to address the question?**
     - The method to addressing the question was providing access through documentation, availability through software and data, and opening their report of their results.
   - **What was the primary or most important point of the reading; the finding?**
     - Advancement in research begins with creating reproducible and interpretable work that can be accessed and used well into the future.

3. **Using full sentences, list at least 1 question that this reading raised in your mind, and say why the reading caused you to ask this question.**

   The idea of reproducing is correlated with human interest in the topic; if a project is accessible and has great reproducibility, what more can researchers do if nobody is interested in their topic?

4. **In weeks where you have two required readings, you should explain in 2-5 sentences how the two readings are related. Sometimes the readings allow you to draw similar conclusions; other times the readings may present contrasting ideas.**
The two articles are very correlated in the sense that they both believe that there needs to be openness in their reports. Explaining in a manner that allows humans to fully understand the project, allows for researchers to build upon these projects to expand in their research with reusability. In the case of the other article, he is using a jupyter notebook to illustrate the calculations that he is doing to involve the reader in the concept that he is trying to portray.