1. **The Introduction states, "...attempting to reduce human behavior, performance, and potential to algorithms is no easy job." The parents loved Sarah Wysocki, but the algorithm did not. For this algorithm, Sarah was an "instance" and there were several attributes used to describe her. These attributes were weighted to produce an IMPACT score. What do you think some of the attributes were? Can you think of attributes that could better represent "human behavior, performance, and potential"? Is it possible to fully code a teacher's impact on student learning? What might a feedback loop look like for the IMPACT WMD?**

Some attributes that could have been a part of the IMPACT score is possibly average student grade in a teachers class, test scores of standardized testing, and learning retention of students. Some attributes that could better represent "human behaviors, performance, and potential" could be parent/student feedback of the teacher or how accessible a teacher is for student help. I feel like it would be very hard to code a teacher's impact on student learning but not impossible. The system that is described in the introduction had good intentions but it feels like it was not coded with counsel of teachers or the school systems. A feedback loop for the IMPACT WMD could look something like collecting data -> evaluating teachers -> determine if under threshold -> act accordingly by firing or keeping teachers another year.

2. **The Introduction also states, "...data scientists all too often lose sight of the folks on the receiving end of the transaction." What is an example of an automated data-based system where you were on the receiving end of the transaction? Do you think the output from the system used to label you was accurate and fair? Try to think of an example not mentioned in the Introduction.**

An example of an automated data based system where I was at the receiving end of the transaction could be standardized testing for the ACT. I personally do not think that the output the system used to label students and myself was fair. Every person is very different and I have always been a bad test taker but excel in more project based assignments. I think judging a student on a sole thing is a flawed system. Some colleges do not even look at your application if your score is below a certain number. I think because of this many colleges have missed out on great students just because of a test score.

3. **What else struck you about this introduction?**

What really stuck me about this introduction is how it described the "weapons of math destruction". It really was able to put the flaws of systems into perspective and opened my eyes to how I have been affected by them or fed into them. I think that the awareness of how people are affected by these systems that has been brought up as of late in the eye of the public is really great. It opens the insufficiency of these systems up to change and for improvement.