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Course: Intro to AI

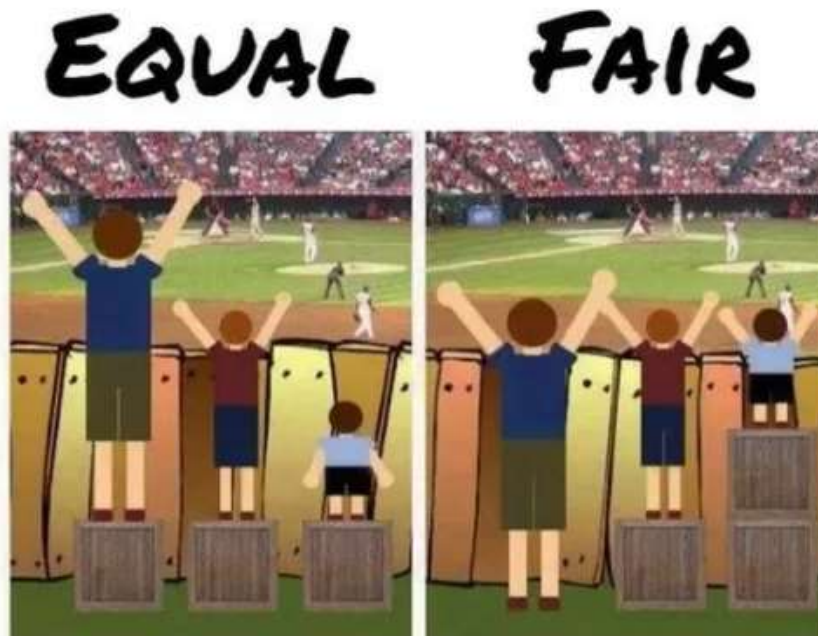
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Principals of the Ethics of AI.

To take first two ethical principles for the discussion, I looked over all the provided materials and chose the ones that I find most interesting in my opinion.

1 Principle: Fairness and non-discrimination

This principle of fairness was met in all the documents that were analyzed. However, I noticed that not all the sources had the same understanding of fairness. Most of the sources when talking about fairness pointed out that fairness is not the same as equal. Authors pointed out that fairness implies that AI benefits should be shared at all the levels of social status, age groups, cultural systems, etc. I noticed that authors were mentioning that more developed nations take care of the less developed countries by giving them opportunity and access to the benefits of AI. OECD document statements, were however, oriented towards the idea that everyone should get equal benefits from AI. Where, I think there is a difference, which is best describes by the famous illustration below.



Anyways, it is a great principle that in both meanings is hard to take into consideration because AI systems are developed by the more developed countries, nations and even races. Therefore AI

application is more oriented towards developing first world countries, which actually increases the gap between first and third world countries. Besides that, we are happy to see that many AI implementations are still oriented to meet the needs and treat all the world citizens fairly.

One of the big fairness topics is when humans make a decision on the other human life. A lot of human decision might be affected by race, skin color, age, sex of the other human. Therefore, I find it very fair having AI to make some decision, just based on the pure data of the behavior. For example, nowadays AI is used a lot by the banks to help decide whether application for a credit/load particular person should be accepted. Besides the fact that AI has helped to reduce bank's losses on the unreliable clients, AI system has is also treating all the clients equally, without any prejudice to their race, skin color, sex or other qualities. AI system makes the decision, only based on the data that actually might affect the reliability of the client.

2 Principle: Promotion of human values

This principle was chosen because I find it very important in the nowadays capitalism world. The main goals of all the businesses is to make revenue, while making good for people comes on the second place. In the ISO Overview of ethical and societal concerns document, four point on this principle were introduced. I focused on the topic – improving living situations. I strongly believe, that all the inventions must be oriented towards improving our life, the quality of our surroundings.

As an example that came to my mind is the voice-to-text technology. I believe this is a powerful tool that improved the quality the average person in terms of giving an opportunity to spend less time on text input on smartphone. In addition, it gave a green light to the development of devices such as Alexa that are used in many houses and provide faster access to the information, which indeed improve the living situations. Also voice-to-text gives an opportunity to text and drive, without actual texting. Another example of how this inventions improves our lives and makes the lives of other people safer.

Besides the regular citizen life improvement, the voice-to-text has a huge impact on the life of disables people. Not everyone has an opportunity to type on the smartphone. Voice-to-text gives these people a chance to live a life where these people can independently access the information they want to find, which increases their living situations dramatically.

3 Principle: Respect for privacy

One might say that there are already an ethical principle on the privacy and data protection. However, the one I consider here is slightly different. I noticed, that in nowadays world we are highly affected by the information coming at us and all this information is very overwhelming. It

takes up too much of our time and energy. For example recommendation systems are putting so much information into our personal space, when we want to surf for something specific on the internet, or when we look through the stories of our friends in Instagram. I understand that this is an important part of their business model, but many of us want some privacy in that sense.

Besides recommendation systems, I also want to point out spam and notifications. They are coming at us! Yes, we can turn them off, but often this is not always trivial. I want to point out that a lot of AI systems are dealing so well with the spam, which they do meet and actually aim the principal of the respect of the privacy. However, there is still a lot room for improvement. We all are still getting plenty of emails that do not seem like spam, but they invade our privacy. As well as, variety of calls that operators fail to put to spam.

Overall, I want to point out that some AI systems, such as recommendation systems, are invading our privacy and violate the 3rd principle. While some, are actually fighting against the privacy violation and support the 3rd principle.

In general, there is still a lot of room for improvement in terms of meeting and dealing with ethical principles. However, I can say that in the last 10 years there is huge improvement in most