Artificial Intelligence Ethics: 1st lesson – Artificial Intelligence Basics

AI increasingly has an impact on everything from social media to healthcare. AI is used to make credit card decisions, to conduct video surveillance in airports, and to inform military operations. These technologies have the potential to harm or help the people that they serve. By applying an ethical lens, programmers can work toward identifying the harms that these technologies can cause to people, design, and build them to reduce these harms - or decide not to build them.

This course covers several topics:

* In the ***human-centered design*** lesson, users will learn how to design an AI system to ensure that it serves the needs of the people that it is intended for.
* In the ***bias*** lesson, users will determine how AI systems can learn to discriminate against certain groups.
* In the ***fairness*** lesson, users will learn to quantify the extent of the bias in AI systems.
* In the ***model cards*** lesson, users will learn how to use a popular framework for improving public accountability for AI models.

As the field of AI evolves, so does AI ethics. As a wise friend once told us, “*Ethics is a conversation.*” This course can help users start that conversation, but not finish it. Some topics that do not cover include: AI’s potential impact on the digital technology divide between the rich and the poor, on jobs, and on the capabilities of authoritarian governments, among others. That said, throughout the course, users recommend next steps for continuing the progress of learning and following the ethical conversation as it continues to evolve.