Discussion Day #1: Ethical Dilemmas
CSCI 364  Fall 2021
November 5, 2021

Discussion Prompts

1. Objective Round
   • What happened in each article (Post article first, then Nature article)?
     o What is the trolley problem?
     o What decisions do an autonomous car need to make?
     o What were the findings of the Moral Machine study?

2. Reflective Round
   • What was your gut reaction to the two articles?
   • What were you feeling as you read them?
     a. Hope, fear, happiness, sadness, etc.?
   • What connections can you make to other applications of AI and technology?

3. Interpretive Round
   • What are the challenging decisions that AI need to make?
   • What are possible inputs that the AI uses to guide its decisions?
   • What are the possible problems with how AI decisions are made?

4. Decisional Round
   • Is it possible for AI to make "ethical" decisions? If so, what is needed?
   • How do we avoid bias in AI decision making?
   • How can we take the lessons we learned today and apply them to other AI decisions?
   • For example, AI helping mitigate a pandemic?

Discussion Process

For the Objective and Reflective rounds, we will use an orbit discussion
   • Each person takes turns saying one idea at a time
   • Go around in a circle so everyone talks before anyone repeats
   • Go as many rounds as needed so all ideas are shared

For the Interpretive and Decisional rounds, we will use a talking tokens discussion
   • Everyone has two tokens, speaking up uses one token
   • Can go in any order, but should speak exactly twice