Week 7: Ethics and AI

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# Ethics and AI

Artificial intelligence is a scary black box that spreads malicious propaganda, destroys jobs, and seeks to undermind honest citizens’ values. This statement is intentionally farcical, yet it also touches on real concerns of ethical AI designs. People fear what they do not understand and use science-fiction to fill these gaps. Within those futuristic worlds, machines become the dominant species that controls every decision of an enslaved human population. However, several challenges prevent this transition of power from becoming a reality, such as intelligent systems lacks actual *intelligence* (Wildberger, 1996; Hole & Ahmad, 2019; Upchurch, 2018). Instead, organizations need to assess these tools rationally, explore applications that enhance human capabilities, and remove nondifferentiating overhead.

# Roles of Artificial Intelligence

## Role in Employment

Before 1949, digging a ditch would take hours or even days with a crew of manual workers. After the invention of the backhoe, these jobs required less time with fewer employees. From the organization’s perspective, these efficiencies translate into faster time to market at lower costs. Meanwhile, the former diggers became displaced into new roles that repairs, operate, and supervises the equipment. Each of these positions comes with supply chains of supporting requirements. For instance, it takes factories to produce the backhoe parts, each staffed with hundreds of blue-collar jobs. Cities must also build universities and technical schools to train team members that will fill these roles, further expanding the job market.

## Role in Decision Making

## Role in Social Manipulation

# Design Considerations

## Lawful and Ethical

## Transparent and Explainable