**AI Ethics**

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## Introduction

Growing up, I would imagine what the future would hold. Many of my class assignments would require me to write what the future would be. The thoughts that came to mind included flying cars, robots, and thoughts of what I wanted to do when I became an adult. While the present may not look exactly like what I thought it would be 15 years ago, artificial intelligence (AI) and specifically generative AI is here and is shaking up how we work. AI can offer productivity and provide information in a fraction of time, but it also has ethical concerns that prevent it from being the savior for humanity. The future may rely on AI and it's important to place guidelines to prevent the negatives AI brings.

## Job Security

One of the first thoughts about AI is how it will impact the job market. I and many others in the field of information technology worry about how AI can replace some of the jobs in an already competitive market. AI is able to automate the boring stuff and makes work more efficient. This is a threat to jobs as it can reduce the need for multiple working on the same task, further leading to the threat of job displacement. This concern is shown as millions of jobs are expected to be replaced by AI (Research Trends, 2023).

## Stolen Data

Another concern that comes with AI is how AI is trained. Models are trained off of massive datasets and these datasets can be a question of ethics. First, datamining is a huge concern for our privacy and the information that comes from datamining is used to help train models (Furze, 2023). Every aspect of the internet from screentime to clicks can be used.

Another ramification from the training is pointed out by Research Trends (2023). Research Trends talks about how Amazon trained an AI bot off of resumes that were mainly from the male gender. This led to the AI bot prioritizing male resumes and was biased against female candidates. Another issue with the datasets comes from how AIs can be trained off of copyrighted material and mimic styles of others. This is another ethical issue and could be considered stealing (Furze, 2023).

## Overreliance

An issue many deal with that stunts growth is overreliance on aid. Just as one can stunt their growth from leaving on the training wheels or constantly using help, the use of generative AI can also stunt growth. A problem pointed out by Furze (2023) is that AI can build an essay, but how does it help us learn it? This is a huge problem as it skips the entire process of learning. Struggling and time commitment are part of the process of what makes humans continuously evolve. We are at risk of losing critical thinking skills by relying too much on AI.

## How AI can Help

While there are many dangers of AI, the solution is to teach the ethics and create governance on the usage of AI. The "AI Assessment Scale" (AIAS), is a great way to integrate the usage of AI in a school environment (Perkins, et al. 2024). This scale shows different levels of how AI can help in a task. This ranges from no AI usage at all to full on AI usage.

Governance of AI is also important as it is important to protect privacy and future jobs. The government needs to start creating plans on how AI can be utilized while protecting its citizens from data-mining and copyrighted material being stolen.

## My Future

As said earlier, AI is trained off of solved materials. The need for specialists in information technology will not go away any time soon and I believe my future can be controlled by myself as long as I continue to learn. AI will be able to help out with things, but not completely replace information technology professionals. AI can not completely think for itself and it shows in critical thinking. This essay was created with a plan and has nuance in it, not every answer here is black or white.

## Conclusion

The future is complex as we have to deal with the pros and cons of AI. AI can be seen as a double edged sword providing efficiency while being a detriment to its creators. The problems, although complicated, can be managed and with proper guidelines, governance, and usage, AI can be used as a tool to help humanity out.

**References**

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