Ethics in Technology

AI Ethics

Bias is inherently present globally and within our cultures. Taking measures to recognize bias and mitigate it is increasingly important in the artificial intelligence (AI) field. Most notably, bias can come up during human review processes. While your AI program may be making accurate predictions, human bias may influence the AI results because we allow our experiences to inform our decisions, sometimes incorrectly.

At the end of this module, you will be able to answer the following questions:

- How does one appropriately identify and measure model bias and fairness?

- How does one identify potential sources of bias and mitigate bias?

Chapter 3: "Managing Knowledge" and Chapter 4: "Personhood and Privacy"

(?) **Essential Question:**

How do I determine if bias exists, and, if it does, how do I create a plan to mitigate bias?

(▶) **Watch** the following video from Pluralsight:

- "AI Ethics: Understanding Bias and Fairness in Your Models" (new tab) (30:30)

Read Chapter 3.4 and Chapter 4.4 Chapter 3.4 and Chapter 4.4 in Computing and Technology Ethics: Engaging Through Science Fiction.

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