coursera

AI and Ethics, Jobs, Bias

✓ **Video:** Issues and Concerns around AI
4 min

✓ **Video:** AI and Ethical Concerns
4 min

✓ **Video:** AI and Bias
2 min

✓ **Video:** AI: Ethics, Bias, and Trust
4 min

✓ Hands-onLab - Detect the Bias
15 min

✓ **Video:** Jobs and AI
4 min

✓ **Video:** Employment and AI
3 min

✓ **Reading:** AI working for good
15 min

✓ **Reading:** Principles for ethical AI
10 min

✓ **Practice Quiz:** Review Questions for Readings (Not Graded)
3 questions

✓ **Reading:** Lesson Summary
10 min

💬 **Discussion Prompt:** Concerns with AI
10 min

Week 3 Quiz

Lesson Summary

In this lesson, you have learned:

- AI raises ethical concerns because of the risks of bias and lack of transparency.

- AI professionals can mitigate against those risks.

- Mitigation strategies include providing effective training data, performing regular audits to ensure that AI systems are performing as expected, and adapting algorithms to adjust for bias.

- Many jobs will be lost to AI, and that the most vulnerable jobs will be those with rules-based, repeatable tasks, like call center workers and drivers.

- AI will generate new jobs, and new types of work.

- AI is already being used to benefit humankind in many fields, including healthcare, crime prevention, agriculture, and power generation, among others.

- Gaining public trust is key to allowing AI to reach its full potential.

- IBM follows three principles to develop ethical AI – Purpose, Transparency, and Skills.

To learn more about ethical AI, visit:

- BBC Future - Machine Minds

- IBM Think Blog - Transparency and Trust in the Cognitive Era

- IBM Think 2019 - Trust and Ethics in Technology