

Class Seven: Accuracy, Fairness, Autonomy and Transparency

During the seventh class, we are going to delve deeper into specific data ethics issues as they relate to accuracy, fairness, autonomy and transparency.

1. Read *Ethics and Data Science*, Authors: Mike Loukides, Hillary Mason, and DJ Patil, ISBN: 9781492043881. It is a short book/essay (roughly 40 pages).
2. Read the Introduction, Chapter Two and Chapter Five of *The Ethical Algorithm*, Authors: Michael Kearns and Aaron Roth, ISBN: 9780190948221.
3. Read the short article by S. Andrew Schroeder, *How many have died?*, Issues in Science and Technology (November 5, 2020), which is attached in the folder.
4. Read the case study *Hiring by Machine*, Princeton University, Dialogs on AI and Ethics, which is attached in the folder. Be prepared to discuss the questions embedded in the case study.
5. Optional: Watch (if you have time), Kate Crawford, The trouble with Bias (NIPS 2017 Keynote): https://www.youtube.com/watch?v=fMym_BKWQzk