

Goals:

Think about how ethics of algorithms could/should/might work in the real world.

Announcements:

Office hours (see e-mail)

Sort-of Amortized analysis

Check-in: (finals/summer/life)

Part I: Company's responsibility

Suppose you are helping a company develop a framework for assessing the ethical impact of its algorithms and minimizing harm.

1. What should happen before/during algorithm development?
2. What should happen after release?
 - a. Monitoring is very important. Uses can change compared to what is expected (ex: air tags and stalking)
3. What happens when an ethical concern is voiced? How is it handled?
4. Is it possible to do this that aligns making money with doing the right thing?
 - a. Hard to regulate when designed to make money.
 - b. Longer term, good investment building a reputation

Part II: Society's responsibility

What role should those outside of companies have to monitor and hold companies accountable?

1. What should the government's role be?
 - a. When gov't gets involved they set a precedent about who can use which algorithms.
2. What should the role of activists be?
 - a. 3rd party: need understanding of algorithms. Those who are CS majors could make more money making algorithms
 - b. Who's responsibility is it? Public uses technology as a tool, should take responsibility for how they use technology, while also companies should try to minimize harm. (like gun control.)
 - c. Need to be aware of how companies use our data to design their tools - no anonymity.
3. What information do those individuals and organizations outside of companies need from companies, and how can this be balanced with protecting privacy and intellectual property? How can companies be compelled to provide this information?

Part III: Midd Audit

go/compscinage/
go/compscinage2/