

Discussion



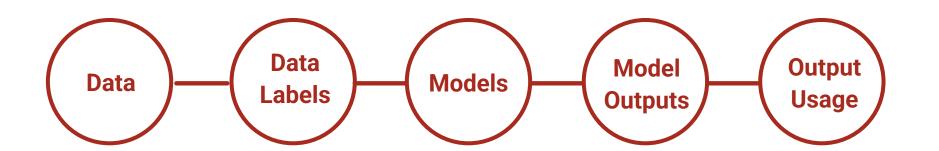
Announcements

- Late piazza posts
 - We start grading Piazza posts at 9pm
 - We've been lenient about late posts for the first few weeks, but we won't do that anymore
- Please don't use AI to write your Piazza posts



- If we continue to be suspicious of AI-generated posts, we'll need to change the course format, like having in-class quizzes on the readings (we don't want to do this!!)
- Positive disincentive: we will drop your two lowest-scoring Piazza posts





Where does "bias" originate?

[Feng et al. 2023; Bianchi et al. 2023(?)]

Models amplify bias [Zhao et al. 2017; Bianchi et al. 2023(?)]

Models

Deployment in specific applications, "disparate impact" [Chouldechova 2017]

Model Output Usage

Data labels can introduce new biases [Sap et al. 2019]

Data

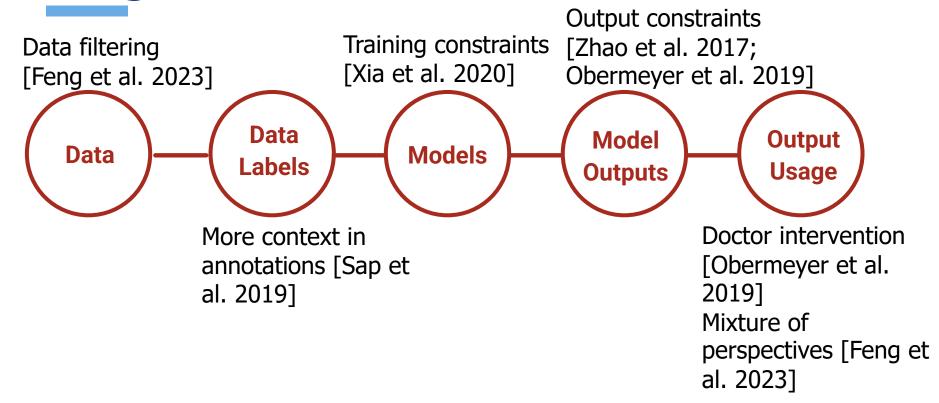
Labels

Choice of output [Obermeyer et al. 2019]



Data

Where do developers attempt to mitigate it?





Next Unit: Values and Design

- We've seen some examples of possible mitigation, but how do we decide when to intervene? How to intervene? What is the desired behavior of a system?
 - How can we integrate more thoughtful design from the beginning, rather that post-hoc fixes?
- Some starting points from the perspective of researchers and engineers (e.g. bottom-up) rather than policy and regulation (top-down)
 - Sept 24: Values and Design: Value sensitive design
 - Sept 26: Values and Design: Participatory design
 - Oct 1: Values and Design: Surveyed values

