

Ethics in NLP Reading Group

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Readings

Foundations

boyd, danah, & Crawford, K. (2012). Critical Questions for Big Data. Information, Communication & Society, 15(5), 662–679. <https://doi.org/10.1080/1369118X.2012.678878>

Hovy, D., & Spruit, S. L. (2016). The Social Impact of Natural Language Processing. Proceedings of the 54th Annual Meeting of the Association for Computational Linguistics (Volume 2: Short Papers), 591–598. <https://doi.org/10.18653/v1/P16-2096>

Winner, L. (1980). Do Artifacts Have Politics? Daedalus, 109(1), 121–136. Retrieved from [JSTOR](#).

Whittacker, Meredith, Crawford, Kate, Dobbe, R., Fried, G., Kaziunas, E., Mathur, V., ... Schwartz, O. (2018). AI Now 2018 Report (p. 62) [AI Now Report 2018]. Retrieved from NYU website: https://ainowinstitute.org/AI_Now_2018_Report.pdf

Topics

Foundations

Phil Foundations UW2019

What are algorithms, Do they have politics – Stanford
What is an algorithm – Rudgers
Phil Foundations – CMU
General ethical frameworks -- SCU

Technical Critiques

Word Embeddings and Language Behavior as ground truth - UW2017
Classification - Rudgers
Human in the loop - Rudgers
Anatomy and infracture - Rudgers

Bias and Discrimination

Discrimination and inequality -- Stanford
Exclusion, discrimination and bias -- UW2017
Bias -- Rudgers
Fairness and equity -- Rudgers
Misrepresentations and bias -- CMU
Harms and Benefits SCU

Privacy

Privacy - UW2017
Privacy, Surveillance and Control -- Stanford
Privacy and Security -- CMU
Surveillance, recognition and prediction - Rudgers

Influence

Facebook, Filter Bubbles and the public spheres - Stanford
Obligations to the Public -- SCU
Language of Manipulation -- CMU
Civility in Communication -- CMU
Recommenders and Nudging -- Rudgers

Algorithmic Selves

Algorithmic Selves -- Stanford
Bodies -- Rudgers

Capital

Capital -- Rudgers

Work and Money -- Stanford
Constructing algorithms Silicon Valley -- Stanford

Applications of Ethics

Value Sensitive Design - UW2019
NLP Application -- UW2019
ACL Code of Ethics -- UW2017
Best Practices -- UW 2017, SCU
Intellectual Property -- CMU
Regulation - Stanford
Ethics in NLP Education -- UW2019
Common ethical challenges for data practitioners and users - SCU

Futures

Algorithmic Futures -- Rudgers

Environmental Impact

Reference Syllabi

https://faculty.washington.edu/ebender/2017_575/
https://faculty.washington.edu/ebender/2019_575/
<https://mitaiethics.github.io/>
http://demo.clab.cs.cmu.edu/ethical_nlp/
http://www.angelechristin.com/wp-content/uploads/2018/06/The-Politics-of-Algorithms_Syllabus2018.pdf
<https://scu.edu/media/ethics-center/technology-ethics/IntroToDataEthics.pdf>
https://ainowinstitute.org/AI_Now_2018_Report.pdf
http://k8lin.com/courses/Critical-Algorithm-Studies_Costello-Fa2019.pdf
<https://ironholds.org/gender-hci/>

