



Faculty of Arts and Social Sciences  
Media and Communication Studies

## Course Reading

### Data, Power and Ethics

Valid from 01/18/2021

**Course Code:** MKGB92  
**Course Title:** Data, Power and Ethics  
**Credits:** 15 ETCS cr  
**Degree Level:** Undergraduate level

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#### Books

Amoore, L. (2013). *The politics of possibility: Risk and security beyond probability*. Durham: Duke University Press (chapter to be announced)

Bigo, D., Isin, E., & Rupert, E. (eds.) (2019). *Data politics: Worlds, subjects, rights*. Abingdon: Routledge [https://library.oapen.org/bitstream/handle/20.500.12657/24706/9781138053250\\_text.pdf](https://library.oapen.org/bitstream/handle/20.500.12657/24706/9781138053250_text.pdf) (chapters 4, 9, and 12)

Cheney-Lippold, J. (2017). *We are data: Algorithms and the making of our digital selves*. New York, NY: New York University Press (chapter to be announced)

Ess, Charles (2020). *Digital media ethics: Digital media and society series* (Third edition). Cambridge, MA: Polity

Eubanks, Virginia (2017). *Automating inequality. How high-tech tools profile, police, and punish the poor* (First Edition). New York: St. Martin's Press (chapter to be announced)

MacKenzie, A. (2017). *Machine learners: An archaeology of data practice*. Cambridge, MA: The MIT Press (chapter to be announced)

Morris, Jeremy Wade, Murray, Sarah (2018). *Appified: culture in the age of apps*. Ann Arbor: University of Michigan Press <http://biblos.kau.se/record=b1692628~S2>

O'Neil, Cathy (2017). *Weapons of math destruction. How big data increases inequality and threatens democracy*. London: Penguin Books (chapter to be announced)

Snircek, N. (2017). *Platform capitalism*. Cambridge: Polity

Woodcock, J. & Graham, M. (2019). *Gig economy: A critical introduction*. Cambridge, MA: Polity (chapter to be announced)

#### Book Chapter

Gandy, Jr. O. H. (2018). The panoptic sort. In T. Monahan & D. M. Wood (Editor). *A Political economy of information* (pp. 9-13) Oxford: Oxford University Press

Van Hoboken, J. (2019). The privacy disconnect. In R. F. Jørgensen (Editor). *Human rights in the age of platforms* (pp. 255-284) Cambridge, MA: The MIT Press <https://library.oapen.org/handle/20.500.12657/24492>

Verdegem, P. (2021). Social media industries and the rise of the platform. In P. McDonald (Editor). *Routledge Companion to Media Industries* () London: Routledge

### Articles

Bates, J., Lin, Y. W., & Goodale, P. (2016). Data journeys: Capturing the socio-material constitution of data objects and flows. *Big Data & Society*, 3 (2).

<https://journals.sagepub.com/doi/full/10.1177/2053951716654502>

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

Caplan, R., Donovan, J., Hanson, L., & Matthews, J. (2018). Algorithmic accountability: A primer. *Data & Society*.

[https://datasociety.net/wpcontent/uploads/2018/04/Data\\_Society\\_Algorithmic\\_Accountability\\_Primer\\_FINAL-4.pdf](https://datasociety.net/wpcontent/uploads/2018/04/Data_Society_Algorithmic_Accountability_Primer_FINAL-4.pdf)

Clarke, R. (1988). Information technology and dataveillance. *Communications of the ACM*, 31 (5), p. 498-512. <https://doi.org/10.1145/42411.42413>

Couldry, N., & Mejias, U. A. (2019). Data colonialism: Rethinking big data's relation to the contemporary subject. *Television & New Media*, 20 (4), p. 336-349. <https://doi.org/10.1177/1527476418796632>

Hargittai, Eszter, & Marwick, Alice (2016). "What can I really do?": Explaining the privacy paradox with online apathy. *International Journal of Communication*, 10, p. 3737-3757.

<https://ijoc.org/index.php/ijoc/article/view/4655/1738>

Herschel, R., & Miori, V. M. (2017). Ethics & big data. *Technology in Society*, 49, p. 31-36.

<https://www.sciencedirect.com/science/article/pii/S0160791X16301373>

Illiadis, A. & Russo, F. (2016). Critical data studies: An introduction. *Big Data & Society*, 3 (2).

<https://doi.org/10.1177%2F2053951716674238>

Kazansky, B. (2021). "It depends on your threat model": the anticipatory dimensions of resistance to data-driven surveillance. *Big Data & Society*, 8 (1). <https://doi.org/10.1177%2F2053951720985557>

Kitchin, R. & Lauriault, T. (2014). Towards critical data studies: Charting and unpacking data assemblages and their work. The Programmable City Working Paper 2; pre-print version of chapter published in J.

Thatcher, J. Eckert, & A. Shears (eds.). (2018), Thinking big data in geography (pp. 3-20). Lincoln:

University of Nebraska Press. *SSRN Scholarly Paper ID 2474112*. [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2474112](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2474112)

Mann, M. & Matzner, T. (2019). Challenging algorithmic profiling: The limits of data protection and anti-discrimination in responding to emergent discrimination. *Big Data & Society*, 6 (2).

<https://doi.org/10.1177%2F2053951719895805>

McDermott, Y. (2017). Conceptualising the right to data protection in an era of Big Data. *Big Data & Society*, 4 (1). <https://doi.org/10.1177%2F2053951716686994>

Milan, S. (2016). Data activism as the new frontier of media activism: preprint of paper in G. Yang & V. Pickard (2017). (eds.), Media activism in the digital age. *SSRN Scholarly Paper ID 2882030*.

<https://ssrn.com/abstract=2882030>

Milan, S., & Treré, E. (2019). Big data from the South(s): Beyond data universalism. *Television & New Media*, 20 (4), p. 319-335. <https://doi.org/10.1177/1527476419837739>

Ruths, D., & Pfeffer, J. (2014). Social media for large studies of behavior. *Science*, 346 (6213), p. 1063-1064. (copy provided by the author)

Smith, H. (2019). The locative imaginary: Classification, context and relevance in location analytics. *Information, Communication & Society*, 68 (3), p. 641-658.

<https://doi.org/10.1177%2F0038026119878939>

Taylor, Linnet (2017). What is data justice?: The case for connecting digital rights and freedoms globally. *Big Data & Society*, 4 (2). <http://journals.sagepub.com/doi/10.1177/2053951717736335>

Tsamados, A., Aggarwal, N., Cowls, J., Morley, J., Roberts, H., Taddeo, M., & Floridi, L. (2020). The ethics of algorithms: Key problems and solutions. *SSRN Scholarly Paper ID 3662302*.

<https://doi.org/10.2139/ssrn.3662302>

Zook, Matthew, et al. (2017). Ten simple rules for responsible big data research. *PLOS Computational Biology*, 13 (3). <https://dx.plos.org/10.1371/journal.pcbi.1005399>

Zwitter, Andrej (2014). Big Data ethics. *Big Data & Society*, 1 (2).  
<http://journals.sagepub.com/doi/10.1177/2053951714559253>

### **Web resources**

Carey, Benedict (2019, January 30). This is your brain off Facebook. New York Times.  
[www.nytimes.com/2019/01/30/health/facebook-psychology-health.html](http://www.nytimes.com/2019/01/30/health/facebook-psychology-health.html)

Diakopoulos, N. & Friedler, S. (2016, November 17). How to Hold Algorithms Accountable. Technology Review. <https://www.technologyreview.com/s/602933/how-to-hold-algorithms-accountable/>

franzke, aline shakti, Bechmann, Anja, Zimmer, Michael, Ess, Charles, & the Association of Internet Researchers (2020). Internet research: Ethical guidelines 3.0. <https://aoir.org/reports/ethics3.pdf>

Lewis, Paul (2017, October 6). "Our minds can be hijacked": The tech insiders who fear a smartphone dystopia. The Guardian. [www.theguardian.com/technology/2017/oct/05/smartphone-addiction-silicon-valley-dystopia](http://www.theguardian.com/technology/2017/oct/05/smartphone-addiction-silicon-valley-dystopia)

### **Reference material**

Amoore, L. (2020). *Cloud ethics: Algorithms and attributes of ourselves and others* Duke University Press: Durham

Beer, D. (2019). *The data gaze*. London: Sage

Bucher, T. (2018). *If...then: Algorithmic power and politics*. Oxford: Oxford University Press

Dyer-Witheford, N., Kjosen, A. M., & Steinhoff, J. (2019). *Inhuman power: Artificial intelligence and the future of capitalism*. London: Pluto

Fuchs, C. (2019). *Rereading Marx in the age of digital capitalism*. London: Pluto

Kearns, M. & Roth, A. (2020). *The ethical algorithm: The science of socially aware algorithm design*. Oxford: Oxford University Press

Kitching, R. (2014). *The data revolution: Big data, open data, data infrastructures and their consequences*. London: Sage (a 2021 edition is forthcoming)

Lupton, D. (2019). *Data selves: More-than-human perspectives*. Cambridge: Polity

Pasquale, F. (2020). *New laws of robotics: Defending human expertise in the age of AI*. Cambridge, MA: Belknap Press

Additional course readings of 50-100 pages will be provided by the course convenor.

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Approved by the Faculty Board of Arts and Social Sciences 02/10/2021