

Reading list: Critical approaches to data

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See this syllabus: https://github.com/TraceyLauriault/COMS2200_Fall2018

And this one: <http://campusguides.lib.utah.edu/c.php?g=493509&p=3376348>

And this one: <http://pne.people.si.umich.edu/PDF/poldatasyll.pdf>

Critical data studies

Aronova, Elena, Christine von Oertzen, David Sepkoski, eds. 2017. Data histories. *Osiris* 32, no. 1.

Arora, Payal (2016) The bottom of the big data pyramid: big data and the global south. *International Journal of Communications* 10.

Boellstorff, Tom et al. (2015) *Data: Now Bigger and Better!* Prickly Paradigm Press.

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Davies, William (2017). How Statistics Lost Their Power – And Why We Should Fear What Comes Next. *The Guardian*, 19 January.

Gitelman, Lisa, ed. (2013) *Raw Data is an Oxymoron*. MIT Press.

Halpern, Orit (2015) *Beautiful Data: A History of Vision and Reason since 1945*. Chicago University Press.

Illiades, Andrew and Federica Russo (2016) Critical data studies: an introduction. *Big Data & Society* 3, issue 2.

Kitchin, Rob (2014) *The Data Revolution: Big Data, Open Data, Data Infrastructures and the Their Consequences*. Sage.

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O’Neil, Cathy (2017) *Weapons of Math Destruction: How Big Data Increases inequality and threatens democracy*. Broadway books.

Levy, KEC and DM Johns (2016) When open data is a Trojan Horse: the weaponization of transparency in science and governance. *Big Data & Society* 3, no. 1: 1-6.

Mayer-Schönberger, Victor and Kenneth Cukier (2013) *Big Data: A Revolution That Will Transform How We Live, Work, and Think*. Houghton Mifflin Harcourt.

Ruppert, Evelyn, Engin Isin, and Didier Bigo. (2017) Data Politics. *Big Data & Society* 4, no. 2: 1– 7.

Smith, Gavin JD (2018) Data Doxa: The Affective Consequences of Data Practices. *Big Data & Society* 5, no. 1: 1–15.

Townsend, Anthony (2014) *Smart Cities: Big Data, Civic Hackers, and the Quest for a New Utopia*. Norton.

Data and Privacy

Botsman, Rachel (2017) Big data meets Big Brother as China moves to rate its citizens. *Wired UK* (21 October).

Esposito, Elena (2017) Algorithmic memory and the right to be forgotten on the web. *Big Data & Society* 4, no. 1.

Kragh-Furto, Mette, Adrian Mackenzie, Maggie Mort, and Celia Roberts (2016) Do Biosensors Biomedicalize? Sites of Negotiations in DNA-Based Biosensing Data Practices. In Nafus, Dawn (ed.) *Quantified: Biosensing Technologies in Everyday Life*, MIT Press.

Mann, S. and J. Ferenbok. 2013. New Media and the Power Politics of Sousveillance in a Surveillance Dominated World. *Surveillance & Society* 11(1/2): 18-34.

- Schneier, Bruce (2015) [Data and Goliath: The Hidden Battles to Collect Your Data and Control Your World](#), New York: Norton and Company.
- Siegel, Eric. (2013) With Power Comes Responsibility: Hewlett-Packard, Target and the Police Deduce Your Secrets Predictive Analytics, in [The Power to Predict Who will Click, Buy, Lie or Die](#), New Jersey: John Wiley and Sons.
- Smith, Michael D. (2016) [Streaming, Sharing, Stealing: Big Data and the Future of Entertainment](#). MIT Press.
- Tanner, Adam (2016) How Data Brokers Make Money Off Your Medical Records. *Scientific American* (February 1). Available at: <http://www.scientificamerican.com/article/how-data-brokers-make-money-off-your-medical-records/>
- Turow, Joseph. (2006) [Niche Envy: Marketing Discrimination in the Digital Age](#). MIT Press.