

# Readings on Critical Data Literacy

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## Resources on critical data literacy

- Bergstrom, Carl T., and Jevin D. West. “Modern-Day Oracles or Bullshit Machines?” 2025. <https://thebullshitmachines.com/>.
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- Broussard, Meredith. *Artificial Unintelligence: How Computers Misunderstand the World*. The MIT Press, 2018. <https://doi.org/10.7551/mitpress/11022.001.0001>.
- D’Ignazio, Catherine, and Lauren F. Klein. *Data Feminism*. The MIT Press, 2020. <https://data-feminism.mitpress.mit.edu>.
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- Fourcade, Marion, and Kieran Healy. *The Ordinal Society*. Harvard University Press, 2024. <https://doi.org/10.4159/9780674296688>.
- Gitelman, Lisa, ed. “Raw Data” Is an Oxymoron. MIT Press, 2013. <https://doi.org/10.7551/mitpress/9302.001.0001>.
- Newfield, Christopher, Anna Alexandrova, and Stephen John, eds. *Limits of the Numerical: The Abuses and Uses of Quantification*. The University of Chicago Press, 2022.
- O’Neil, Cathy. *Weapons of Math Destruction: How Big Data Increases Inequality and Threatens Democracy*. Crown, 2017.
- Porter, Theodore. *Trust in Numbers: The Pursuit of Objectivity in Science and Public Life*. Princeton University Press, 1995.
- Porter, Theodore M. *The Rise of Statistical Thinking, 1820–1900*. New Edition. Princeton University Press, 2020. <https://doi.org/10.2307/j.ctvxcrz1v>.

## Posit Conf 2025 talks

- Healy, Healy. “Trustworthy Data Visualization.” Posit Conf 2025. <https://www.youtube.com/watch?v=ZamPCbvBAGE>.
- Hicks, Cat. “The Psychology of Technologists.” Posit Conf 2025. [https://www.youtube.com/watch?v=B-bMX\\_l3nkk](https://www.youtube.com/watch?v=B-bMX_l3nkk).

## Data and indigenous studies

- Andersen, Chris, Maggie Walter, Tahu Kukutai, and Chelsea Gabel. *Indigenous Statistics: From Data Deficits to Data Sovereignty*. 2nd edition. Routledge, 2025. <https://doi.org/10.4324/9781003173342>.
- [IndigeLab Network](#): Research collectives that make room for Indigenous ways of knowing, doing, and being in the academy.
- [Collaborative Impact](#): Resources on participatory statistics and community driven data projects.