Characterizations of Data and Data Science

Readings on how to characterize data, data science, artificial intelligence, and data science ethics.

Title	Citation
Data and Society: A Critical Introduction	Beaulieu & Leonelli (2021)
Critical Questions for Big Data: Provocations for a Cultural, Technological, and Scholarly Phenomenon	Boyd & Crawford (2012)
What Distinguishes Data from Models?	Leonelli (2019)
Raw Data is an Oxymoron (Introduction)	Gitelman (2013)
On Being a Data Skeptic	O'Neil (2013)
The Epistemological Foundations of Data Science: A Critical Review	Desai, Watson, Wang, Taddeo, & Floridi (2022)
Artificial Intelligence: A Guide for Thinking Humans (Chapter 1)	Mitchell (2020)
The Invention of Ethical AI: How Big Tech Manipulates Academia to Avoid Regulation	Ochigame (2019)
Digital Ethics as Translational Ethics	Danks (2022)
The Trouble with Algorithmic Decisions: An Analytic Road Map to Examine Efficiency and Fairness in Automated and Opaque Decision Making	Zarsky (2016)
What is Computer Ethics?	Moor (1985)
What is Data Ethics?	Floridi & Taddeo (2016)

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Floridi, L., & Taddeo, M. (2016). What is data ethics? *Philosophical Transactions of The Royal Society A Mathematical Physical and Engineering Sciences*, *374*, 20160360. https://doi.org/10.1098/rsta.2016.0360

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