Explainability

Readings on what is meant by "explainability" (and related terms like "transparency" and "interpretability") in data science and to what extent acheiving explainabilty (or transparency or interpretability) in algorithms is morally important.

Title	Citation
Transparency in Complex Computational Systems	Creel (2020)
How the Machine "Thinks": Understanding Opacity in Machine Learning Algorithms	Burrell (2015)
Explainable AI: A Review of Machine Learning Interpretability Methods	Linardatos, Papastefanopoulos, & Kotsiantis (2020)
Transparency's Ideological Drift	Pozen (2018)
Philosophy of Science at Sea: Clarifying the Interpretability of Machine Learning	Beisbart & Räz (2022)
The Right to an Explanation	Vredenburgh (2021)
Algorithmic and Human Decision Making: For a Double Standard of Transparency	Günther & Kasirzadeh (2022)
The Mythos of Model Interpretability	Lipton (2016)
Epistemic Values in Feature Importance Methods: Lessons from Feminist Epistemology	Hancox-Li & Kumar (2021)
The Fate of Explanatory Reasoning in the Age of Big Data	Cabrera (2020)
Interpreting Interpretability: Understanding Data Scientists' Use of Interpretability Tools for Machine Learning	Kaur et al. (2020)
"Explaining" Machine Learning Reveals Policy Challenges	Coyle & Weller (2020)

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