

# Predictive Policing

Readings and case studies on the applications of data science in predictive policing and the ethical implications of using statistical models in such settings.

Using Artificial Intelligence to Address Criminal Justice Needs	Rigano ( <a href="#">2019</a> )
Police Use of Face Recognition Is Sweeping the UK	Nast ( <a href="#">2023</a> )
Predictive Policing Algorithms are Racist. They Need to be Dismantled.	Heaven ( <a href="#">2020</a> )
Weapons of Math Destruction	O'Neil ( <a href="#">2016</a> )
Machine Bias	Angwin, Larson, Kirchner, & Mattu ( <a href="#">2016</a> )
What Happens When Police Use AI to Predict and Prevent Crime?	Reese ( <a href="#">2022</a> )
To Predict and Serve?	Lum & Isaac ( <a href="#">2016</a> )
An Episode in the History of PreCrime	Lemov ( <a href="#">2018</a> )
Dirty Data, Bad Predictions: How Civil Rights Violations Impact Police Data, Predictive Policing Systems, and Justice	Richardson, Schultz, & Crawford ( <a href="#">2019</a> )
Want to Predict the Future of Surveillance? Ask Poor Communities	Eubanks ( <a href="#">2014</a> )

# References

- Angwin, J., Larson, J., Kirchner, L., & Mattu, S. (2016). *Machine Bias*. <https://www.propublica.org/article/machine-bias-risk-assessments-in-criminal-sentencing>; ProPublica.
- Eubanks, V. (2014). *Want to predict the future of surveillance? Ask poor communities*. <https://prospect.org/power/want-predict-future-surveillance-ask-poor-communities./>; The American Prospect.
- Heaven, W. D. (2020). *Predictive policing algorithms are racist. They need to be dismantled*. <https://www.technologyreview.com/2020/07/17/1005396/predictive-policing-algorithm-racist-dismantled-machine-learning-bias-criminal-justice/>; MIT Technology Review.
- Lemov, R. (2018). An episode in the history of PreCrime. *Historical Studies in the Natural Sciences*, 48, 637–647. <https://doi.org/10.1525/hsns.2018.48.5.637>
- Lum, K., & Isaac, W. (2016). To predict and serve? *Significance*, 13, 14–19. <https://doi.org/10.1111/j.1740-9713.2016.00960.x>
- Nast, C. (2023). *Police use of face recognition is sweeping the UK*. <https://www.wired.com/story/uk-police-face-recognition-expansion/#:~:text=In%202023%20so%20far%2C%20the,faces%20and%20arresting%20> Wired.
- O'Neil, C. (2016). *Weapons of math destruction*. Crown Publishing Group.
- Reese, H. (2022). *Using artificial intelligence to address criminal justice needs*. <https://daily.jstor.org/what-happens-when-police-use-ai-to-predict-and-prevent-crime/>; JSTOR Daily.
- Richardson, R., Schultz, J., & Crawford, K. (2019). *Dirty data, bad predictions: How civil rights violations impact police data, predictive policing systems, and justice*. <https://ssrn.com/abstract=3333423>; New York University Law Review.
- Rigano, C. (2019). *Using artificial intelligence to address criminal justice needs*. <https://www.nij.gov/journals/280/Pages/using-artificial-intelligence-to-address-criminal-justice-needs.aspx>; NIJ Journal 280.