





**Machine learning is being deployed to
various societally impactful domains**

Recidivism Prediction



Self-Driving Cars



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Angwin J, Larson J, Mattu S, Kirchner L. 2016. Machine bias: There's software used across the country to predict future criminals and it's biased against blacks. www.propublica.org

<https://www.wired.com/story/crime-predicting-algorithms-may-not-outperform-untrained-humans/>

Wilson, B., Hoffman, J., & Morgenstern, J. (2019). Predictive inequity in object detection. *arXiv preprint arXiv:1902.11097*.

<https://www.youtube.com/watch?v=YNUKUw81130>

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Unfortunately, these systems can perpetuate and worsen societal biases

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