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Week 9

How Predictive Policing Software Works

Predictive policing is sending cops to locations where crime has a high statistical chance of occurring, complicated programs achieve this with algorithms.

Websites and Apps for Sharing Crime and Safety Have Become Outlets for Racial Profiling,

Crowd sourcing data when it comes to predictive policing has a lot of bias from its users especially profiling. Apps must take this into account when collecting data.

Is Predictive Policing the Law-Enforcement Tactic of the Future?

Predictive policing make cops more efficient, but still requires good community connection. However, this will make police focus in on the same area and can violate amendment rights.

Interactive Predictive Policing Program in South Pasadena, California

Hector explains how to use the program with ease and the benefits. He also shows techniques for how to analyze the information and better allocate resources.

How Big Data is Helping the NYPD Solve Crimes Faster

The DAS project is effective because it takes in lots of data especially different forms of data and is widely used by the NYPD.

Algorithms in the Criminal Justice System

Algorithms are being used in the judicial process especially to determine recidivism. However, data sets for the algorithms can often be a proxy for race. Additionally, they algorithms cannot be challenged during sentencing.

Machine Bias

Risk assessments are racially biased towards minorities and do not demonstrate acceptable predictions. Many states use these and judges change or dictate sentences based on this information.

Response to ProPublica article by developer of computer program

COMPAS is not biased towards blacks in response to PP's claim that it was. The PP conclusions can be refuted when looking at this new data.

ProPublica rejoinder to developer's response

PP stands by their analysis that COMPAS is biased towards blacks. African Americans are still incorrectly classified and it is much higher than whites, additionally this is not just do to a factor that African Americans are more likely to be arrested.