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Charles C Earl* (charles.cearl@gmail.com). *AI and Communities of Color: What Questions Should We Be Asking?* Preliminary report.

Recent advances in deep learning have enabled impressive advances in computer vision and natural language understanding. This is evidenced by the conversational bots (e.g. Siri) that we use daily and the self-driving cars that are slowly making it onto our roads.

However we have increasingly seen these technologies applied in ways that are problematic for communities of color – predictive policing as one example. In this talk I will attempt to unpack implications of state of the art AI and then look at analytic avenues for holding these systems accountable. (Received September 19, 2016)