

Team OUTCARCERATE *CALL FOR CODE**

Problem Statement

People in the Black Community are faced with harsher downstream effects (charged at higher rates, assigned more significant charges, convicted at higher rates, given longer sentences, and denied parole more often) than people of other races for similar offenses.

Solution

Analyzes available historical data and case specific fact patterns using the Bias and Disparity Engine to provide public defense attorneys with insights and bias/disparity indicators for each case. Public defenders can then act immediately on that information to negotiate a better plea or sentence for the defendant. Scope is currently focused on one crime type.

Future solution will scale horizontally across states, and vertically across City, County, State and Federal levels. It will also cover all significant crime types and span entire judiciary process, not just plea deals. Eventually, information and outcomes from this tool will be fed into a public site where anyone can see trends and request updates for bias in the criminal justice system

Technology

Product includes Java, Node, Swagger, Angular

Hosted on OpenShift

Potential Ethical Implications

No major Ethical Implications

Possible considerations given to finding 3rd party to take ownership of datasets created as output of analysis supporting determination of historical positive vs negative deviations from sentencing guidelines

1. What features/ components exists today with working and tested code

- Aggregator and UI working code (but not yet thoroughly tested)
- UI has very limited functionality as of today ... but more by Oct 19.

2. What features/ will exist by 10/19 with working and tested code

- plan is to have the Aggregator / UI / Report Generator working together by 10/19
- trying to get IBM ID authentication working on the Aggregator, UI, and Report Generator by 10/19.

3. What features are planned for co-development by the External open source community

- Aspirational and possible open source co-development on the AI/ML portions
- See flow attached here

<https://ibm.ent.box.com/file/724267279633?s=dw1dazq8wgwwekk8xh0g4ngwu30jpiv6>

Sentencing Solution Process Pipeline / Personas / Process Steps / Datasets / AI Analysis Requirements & Outputs

