

CIVIC DIGITAL FELLOWSHIP

Automated Statistical Products for Criminal Justice

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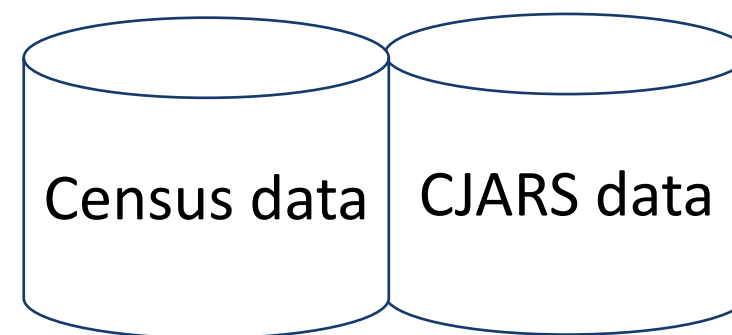
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- Nationally integrated data for research and statistics on criminal justice system
- Partner with local agencies as critical stakeholders who share data
- Developing the tools for evidence-based policymaking



Goals

1. Turn existing prototype to live system
2. Provide value to CJARS data providers
3. Demo pilot model for sharing insight with Census data providers

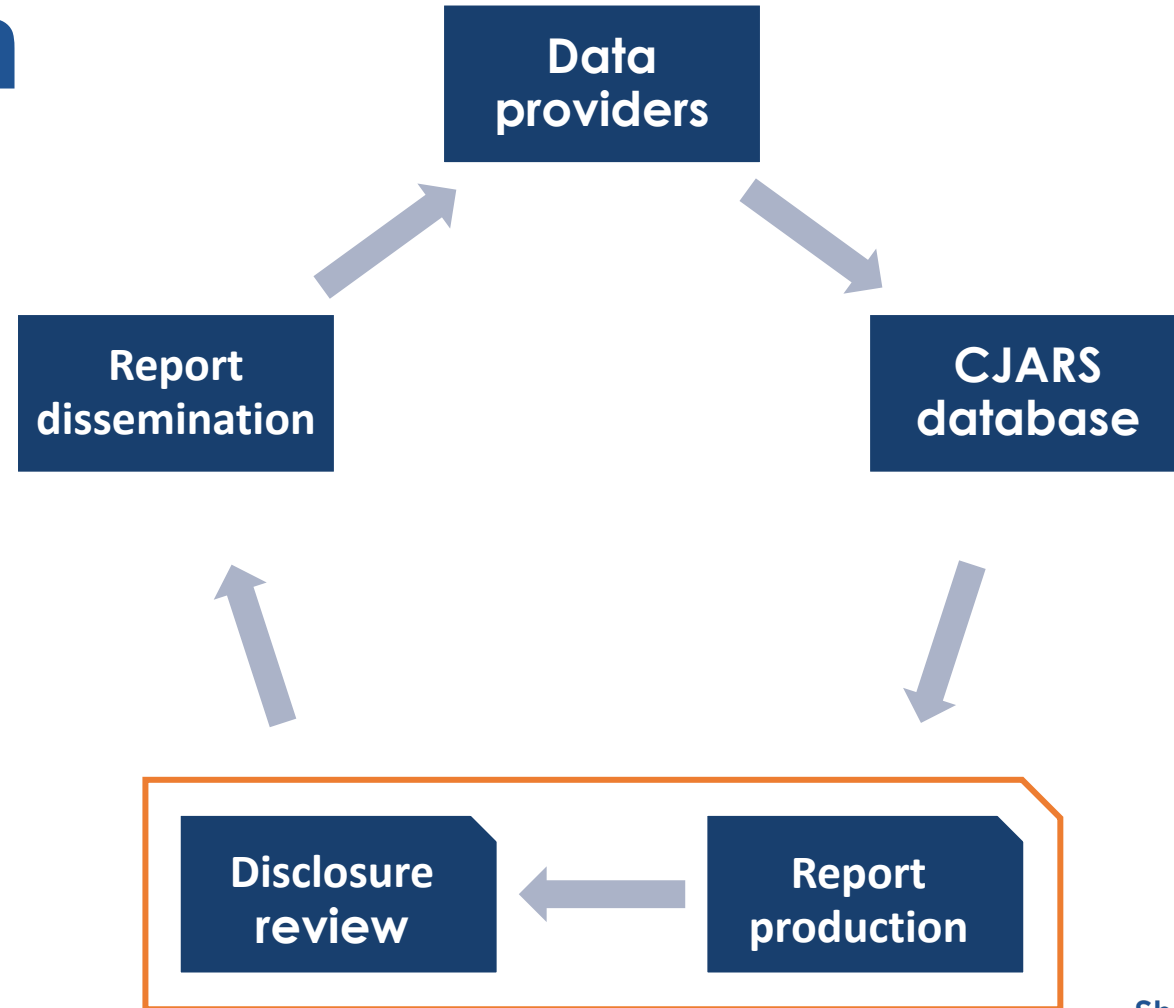
Report System

Goal:

- Generate automated statistical reports

Requirements:

- Robust registry of the calculated statistics for disclosure review
- Flexible for future statistics and reports

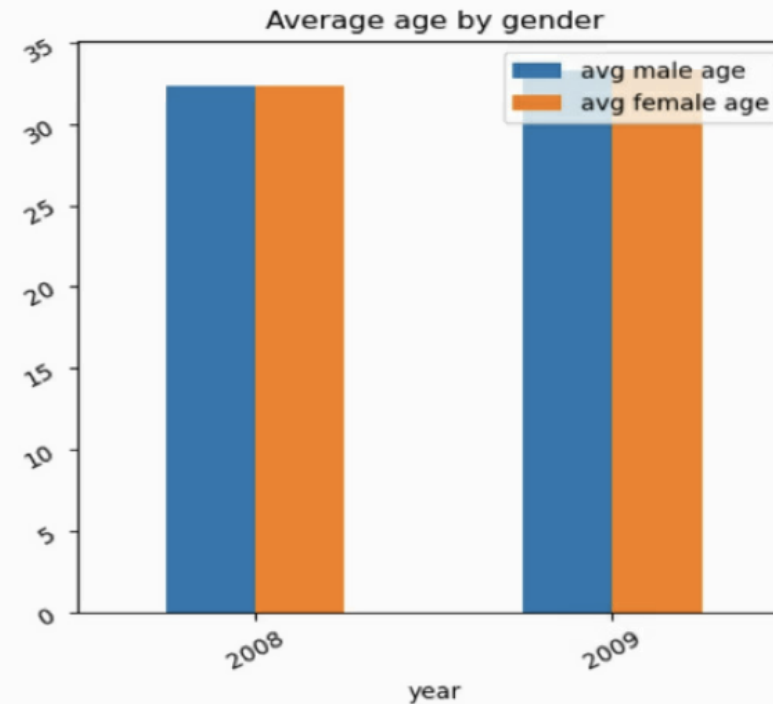
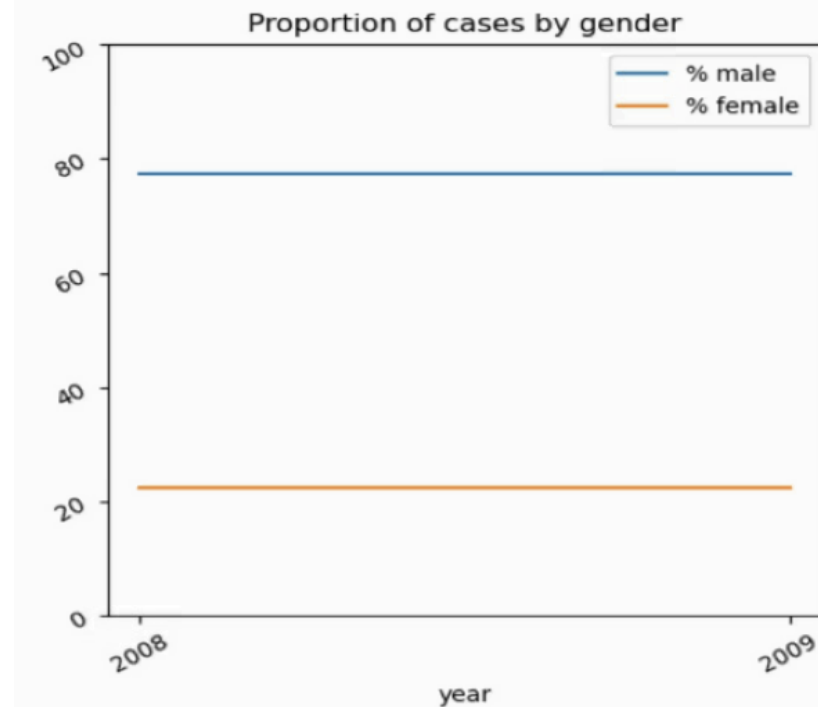


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Progress

Trends in socio-demographic profiles of cases



Impact

- Manual Stata workflow -> automatic generator
- Easy interface to export statistics for Disclosure Review approval
- Reduction in size of prototype codebase by 150x

Next Steps

- Add new templates
- Send reports to agencies!
- Test differentially private noise infusion