Scioto County Data Analytics and Visualization

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***University of Cincinnati
Institute of Crime Science***

UNIVERSITY OF Cincinnati

Current Data Visualization

- Government data is traditionally housed in many individual databases

- Often requires purchase of a bridging software to link them

- Limits ability of users to access and use their data both internally and across agencies

Data Visualization

- Builds upon the work UC School of Criminal Justice has done with police departments across the world

- Started with database development and social network analysis

- Now incorporates those features in one comprehensive analytics and visualization package

Data Visualization

- Built upon a free, open-source platform

- Securely Retrieves, Analyzes and Displays your agency data via remote access

- Data queries are customizable to individual agency needs at NO additional cost

Data Visualization

- Has the ability to link people and places using information from a variety of sources

- Clearly displays analyzed information in an easily actionable format

- Can process an unlimited amount of records

Data Advantages

- Dashboard built on highly secure existing templates

- Initial Design, Set Up and End User Training Provided

- UC is State institution with high level of data security

- Ongoing Tech Support and Customization readily Available

Scioto Visualization

- A cross section of data is being collected from Scioto County and State law enforcement, courts, corrections and public health entities

- Data will be entered into the newly created system, analyzed and graphically depicted

Scioto Visualization

- Visualization allows both gaps in services and problems to be quickly identified and acted upon.

- Will provide a platform to recommend legislative and policy strategies to improve outcomes for Ohio's citizens by creating safer, fairer, and a more cost-efficient use of resources

Scioto County Goals

1. Monitor arrest, incarceration and addiction rates along with mental health response

2. Correctly identify people who are most at risk for recidivism so treatment options and interventions can be provided

Scioto County Goals

3. Expand the current availability of *local* treatment for released offenders, drug addicts and mental health consumers in order to reduce recidivism and reduce local jail and hospital ER visits

Questions?

Contact Information

Daniel W. Gerard

University of Cincinnati Institute of Crime Science

daniel.gerard@uc.edu

Cell: (513) 368-1064