Essential Skills for Local Elected Officials: Data-Driven Leadership

Trainer(s):

Cam Caldwell
Socrata
https://www.socrata.com/

Chris Rieth
Socrata
https://www.socrata.com/
Essential Skills for Local Elected Officials: Data-Driven Leadership

Open Data
- What is it?
- Top Uses and Data
- Connected Ecosystems

Performance
- Progress towards goals
- Efficient and Accountable
- Communicating context

Community
- The Art of Open Data
- Engaging Civic Activists
- Building Relationships
What is Open Data?

• Data you already possess
• A way to engage your communities
• The building blocks of an ecosystem
• A platform for data-driven decision making
• A 21st century pillar of civic trust
How do you access your data?

What is the most important problem you’re trying to solve in public service?

What data or information could help you solve your greatest challenges if you had access to it?
Introducing Data as a Utility

Watch the Video ➤ Data is a Critical New Utility ➤ What Can Data-Driven Government Do for You?
So really, what is open data???

Data that can be freely used, re-used, and redistributed by anyone...

Source: Open Knowledge Foundation
A brief history…

1966 - Freedom of Information Act

1974 - Privacy Act

1995 - Scientific Community

2007 - Sebastopol

2009 - Open Government Framework

Source: Paris Tech Review
Who is using open data right now?

GTFS (General Transit Feed Specification) enables your smartphone to give you mass transit directions almost anywhere in the world.

The National Weather Service publishes streaming weather data for the whole world so you know if you need a jacket before heading out to Broadway tonight.
More Examples

HD Scores

Chicago Health Atlas

BuildingEye

Socrata
What kind of data are cities sharing?

- Crime
- 311 / Service
- Permits & Licenses
- Businesses
- Police & Fire Incidents
- City Payroll
- Emergency Shelter & Evacuation
- Parks & Public Facilities
- Budgets & Expenditures
- Traffic Collisions
A Data Odyssey

Increasing the value of data for all constituents: public sector organizations as well as for citizens, researchers & analysts, developers & entrepreneurs.
Financial Transparency?

Current Year (FY 2016) Budget Documents

Approved Operating Budget (Fiscal Digest)

- Budget Highlights (1.9MB)
- Proposed Operating Budget Detail (10.7MB)
- Supplemental Budget #1 (9.8MB)
- Supplemental Budget #1 - Distri (10.4MB)

Appropriation Statement:

<table>
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<th>2014 Actual</th>
<th>2015 Appropriation</th>
<th>2016 Allowance</th>
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<td>Number of Authorized Positions</td>
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- Total Operating Expenses: 2,014,908
- Total Expenditure: 16,891,749
- Total General Fund Appropriation: 15,541,167
- Total General Fund Appropriation: 16,678,118
- Total Federal Fund Expenditure: 16,891,749
- Total General Fund Expenditure: 16,891,749
- Federal Fund Income: 93,586

Federal Fund Income:
- 93,586 State Court Improvement Program: 406,509
- 908,929 161,145

2% Agency Spending Reduction

Socrata
Humanizing Complex Financial Issues

Quickly find the data that matters most.

Answer complex questions intuitively.

Open a true dialogue with the public around the budget - the single most important document any government produces.
Humanizing Complex Financial Issues

Data discovery

Data visualization

Context

Sharing and Collaboration
Measuring and Reporting Progress

Answering Big Questions:

Are we spending wisely?

Are our programs and initiatives succeeding or failing?

Would we even know?
Status Quo

Hierarchical / Bureaucratic Culture

- Quarterly and annual reporting
- Input driven
- Makes top down decisions
- Sets goals that can’t be measured
- Hides or buries shortcomings
- Rigid and guided by inertia
Data Driven Government

The Data Driven Team

- Meets regularly with the right people
- Focused on outputs and outcomes
- Involves all stakeholders
- Evaluates performance with data
-Allocates resources for improvement
- Agile and adaptive

Maryland StateStat War Room
Performance Frameworks

Organizational areas

Departmental performance

Budgeting for outcomes

Cross-functional areas

Strategic vision / special initiatives

Internal and external communications
Setting Goals

- Measurable
- Time bound

Leads to improved constituent experiences
Open Data and Policing
Increasing Transparency
Building Community Trust
Supporting Innovation
Contributing to Best Practices
Open Data and Policing

Increasing Transparency
Building Community Trust
Supporting Innovation
Contributing to Best Practices
Police Open Data in Dallas

Incident Level Data

Police / Community Interactions

Maps by Region / Division
Police Data Initiative

Find, share, encourage innovative work

Bring leaders together with researchers, analysts

Engage communities and stakeholders

Create resources and platforms for sharing best practices
City Open Data Policy

What data should be public?

How will you make data public?

How will you implement your policy?

http://sunlightfoundation.com/policy
Civic Hackathons

Hacking

Playful, exploratory programming

Marathon

Long distance, endurance event / activity

Hack-a-thon

Marathon hacking session where teams of programmers, designers, community members & public servants share ideas, collaborate, and develop concepts and applications over the course of one or more days - usually with the goal of improving quality of life.
Civic Hackathons

New Orleans Hosts Police / Community Data Event
Hack the Commute

Concept
Execution
Impact
Implementation & Sustainability

Hack the Commute, Seattle, WA
Engaging Communities

Tips for Success:

Understand your goals
Plan and market your event
Prepare, prepare, prepare
Hosting and keeping things moving
Following Up
Engaging Your Audiences

Who are you reaching out to?

What do they want to know?

How are you incorporating feedback?

Detroit Community Data Workshop
Engaging Communities