

Urban Data Pioneers



Team Formation Meet-Up
October 6, 2017



CITY OF
Tulsa
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Agenda

Purpose: Create multi-disciplinary learning teams of city employees and non-employees to deeply understand problems that can be informed by data analysis.

Outcomes

- Learn from each other
- Balanced teams created
- Plan for next steps and meeting times
- Clear picture of the problem you're exploring

Process

- Presentation
- Form teams
- Work in teams and identify next meeting date



Mission, Vision, Values

Mission: Improve the use of data throughout the City of Tulsa

Vision: Urban Data Pioneers are the trailblazers within the City of Tulsa who lead the way in identifying best ways to utilize data, educating others, and delivering results based upon data.

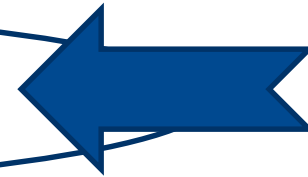
Values:

- A Learning Culture
- Respect
- Integrity
- Transparency



Focus on Understanding the Problem

1. Understand the Problem



Our focus

~~2. - Ideate on strategies (optional)~~

~~3. Choose a strategy~~

~~4. Test a strategy (or two)~~

~~5. Measure & Iterate~~

~~6. Scale up~~

Understanding data is the beginning of knowledge.

-Former Mayor Rodger Randle



Projects

1. **City Blight Inventory** – 3rd Round – this round will focus on rolling out tools developed in the last round and testing for data quality.
2. **Benchmarking Land Value per Square Mile** – How much value does Tulsa’s developed land have relative to peer cities? How much value does Urbanized Area land have relative to other cities’ urbanized land? What are the key characteristics of high value land?
3. **Mapping spending on schools** in neighborhoods throughout the city. *Project of the Mayor’s Resiliency Office.*
4. **Measuring neighborhood walkability** – how can we compare development patterns using analysis of street connectivity, nodes and links? *Project of the Mayor’s Resiliency Office.*
5. **Open Budget** – What are the sources and uses of funds in city government. *Update to Code for Tulsa project in early 2017.*
6. **Building a Predictive Model for Neighborhood Stability** – The UDP team that worked on the population growth problem will be continuing their work with utility billing data to develop a model that identifies patterns that could lead to neighborhood instability.



Form Teams

Each team needs:

- Team Lead
- Visualization Expert (Excel charts, Tableau, GIS)
- Data Subject Matter Expert
- Other members



Suggested Milestones

- November 17 – Analyze data / synthesize results
- December 1 – Develop Draft Slide Deck
- December 15 – 10 minute presentations



Meet-Up Spaces – Tulsa Central Library

- PC and Mac Laptops available for checkout
- Small meeting rooms available
- Requires library card



Meet-Up Spaces – Cyntergy Community Room

- 8th & Cincinnati
- Wi-Fi
- Contact Candace Ogden cogden@cyntergy.com



15th Floor Collaboration Space



Slack

<https://urbandatapioneers.slack.com>

The screenshot shows a Slack interface for the workspace 'Urban Data Pioneers'. The left sidebar contains a list of channels: #blight_crime, #dashboard_dev, #general (selected), #income, #landuse, #popgrowth, #random, #streets, #traffic_crashes, and #utilitybilling. Below the channels are direct messages with slackbot and several team members including James Wagner, Chase Phillips, Delta Kimbrel, John Dungan, Penny Macias, Steven Eiler, and Tim Whitley.

The main content area shows the #general channel with a message from Penny Macias at 7:55 AM. The message asks if anyone has made an awesome visualization for the first round of projects and suggests entering it into a competition for 'visualization of the month'. It includes a link to a Data-Smart City Solutions article: <http://datasmart.ash.harvard.edu/news/article/send-us-your-best-maps-and-data-visualizations-1014>. The article snippet reads: 'Send Us Your Best Maps and Data Visualizations! | Data-Smart City Solutions. To further highlight the impactful work being done in the area of data visualization and mapping, we are pleased to announce a new recognition program, Map of the Month, an initiative of the Innovations in Government Program at the Harvard Kennedy School's Ash Center for Democratic Governance and Innovation. (111kB)'. Below the text is a map visualization showing a network of streets in a dark red color scheme.



1

Choose a Project

2

Find a Team

3

Roster & Charter

4

Meet & Repeat

