How does public data flow through the city?

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DATA VISUALIZATION

GATHERING DATA

City organizations and community & advocacy organizations request and receive data on a topic, writing academic papers or raising public awareness on a topic, lobbying to legislators or raising awareness on a topic to develop business strategies and help secure sources of funding.

Community & Advocacy Organizations

Organizations aren’t data-literate; can’t analyze data; don’t know how to present data; don’t know what data to present.

BAD QUESTIONS

City doesn’t have data; city can’t get data.

LIMITED RESOURCES

City can’t analyze data; city can’t provide individualized analysis.

UNCLEAN DATA

Data that is collected but not used.

PRIVATE/INDIVIDUAL DATA

Clean data, as well as through various formats.

DATA.BOSTON.GOV COMMUNITY & ADVOCACY

Datasets are organized by “topic” and available in different community and advocacy organizations in the Open Data Department and their interactions with Data.Boston.Gov and the community and advocacy organizations they are trying to serve. You between Data.Boston.Gov and the community and inefficiencies in the data flow — mostly concentrated on the macro level in order to identify areas of infrastructure on both a micro and neighborhood and community levels and at the state level for a variety of public and private uses, economics, cultural trends, etc. of the U.S. To keep track of demographics, environment, and how the city is environmental trends and how the city is affected the natural world positively and negatively.

EXAMPLE DATA VISUALIZATION

2005x749

Public entry, 311 calls including census counts.

Data is gathered through a host of techniques, for a variety of public and private uses.

For a variety of public and private uses, data is gathered through a host of techniques, for a variety of public and private uses, economics, cultural trends, etc. of the U.S. To keep track of demographics, environment, and how the city is affected the natural world positively and negatively.

EXAMPLE DATA VISUALIZATION

Stakeholders

Motives

State Government

Inefficiencies in the data flow — mostly concentrated on the macro level in order to identify areas of infrastructure on both a micro and neighborhood and community levels and at the state level for a variety of public and private uses, economics, cultural trends, etc. of the U.S. To keep track of demographics, environment, and how the city is affected the natural world positively and negatively.

EXAMPLE DATA VISUALIZATION

Stakeholders

Motives

Curious Boston

Boston citizens

Federal Government

Sectors as well as brainstorming, prototyping and different community organizations from a variety of different community and advocacy organizations in the Open Data Department and their interactions with Data.Boston.Gov and the community and advocacy organizations they are trying to serve. You between Data.Boston.Gov and the community and inefficiencies in the data flow — mostly concentrated on the macro level in order to identify areas of infrastructure on both a micro and neighborhood and community levels and at the state level for a variety of public and private uses, economics, cultural trends, etc. of the U.S. To keep track of demographics, environment, and how the city is affected the natural world positively and negatively.

EXAMPLE DATA VISUALIZATION

Stakeholders

Motives

Community & Advocacy Organizations

Consulting a variety of organizations in a variety of sectors to represent community members they are trying to serve.

EXAMPLE DATA VISUALIZATION

Stakeholders

Motives

Primary Research Findings

• For some grants, organizations are required to hire external data advisors.

• Many organizations do not know how to analyse and/or use data.

• Many organizations don’t know that public data is available for their use.

• The human piece of data communication is central; most work is relationship-based.

• Data and getting someone to the right data generally requires a human element because it takes a lot of connections and knowing people to get specific things done.

LGBTQ Youth Commission: Key Findings

• Organizations can help support LGBTQ youth’s unique needs.

Asian Women for Health: Key Findings

• Most training sessions start out of places where Will and Riley have connections. These initiatives tend to be more successful because they know how things work.

• In their communities, how things work.

• To identify and cater towards the general community members they are trying to serve.

• To support current research or back up the need for funding of different initiatives. Above is a simple demographic map pulled from AAAJ’s public report.

Data is used for many purposes. To support current research or back up the need for funding of different initiatives. Above is a simple demographic map pulled from AAAJ’s public report.

EXAMPLE DATA VISUALIZATION

Stakeholders

Motives

Undergraduate abstract ID: 3189

Data that can be made public is published to the public on Data.Boston.Gov for download and/or preview.

Pictured above are several different data sets available to the public.

EXAMPLE DATA VISUALIZATION

Stakeholders

Motives

Environment department

Police department

Fire department

City organizations such as the environment department, police department, fire deparment and transportation department, that aligns with their group. Request and receive data wide.

EXAMPLE DATA VISUALIZATION

Stakeholders

Motives

Transportation department

City can’t analyze data; city can’t provide individualized analysis.

Limited resources

Data that is collected but not used.

Clean data, as well as through various formats.

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EXAMPLE DATA VISUALIZATION

Stakeholders

Motives

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EXAMPLE DATA VISUALIZATION

Stakeholders

Motives

National Weather Service

By the numbers, as well as through various formats.

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