

Open Data

How Jefferson County Can Establish An Open Data Program
to Increase Innovation, Transparency, and Collaboration

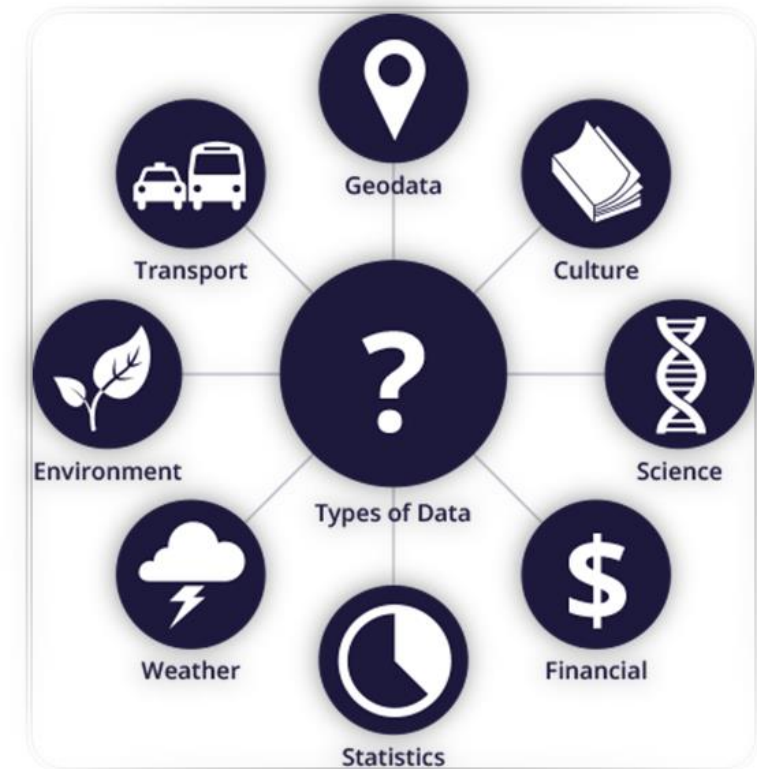


Kearthika Balasubramanian

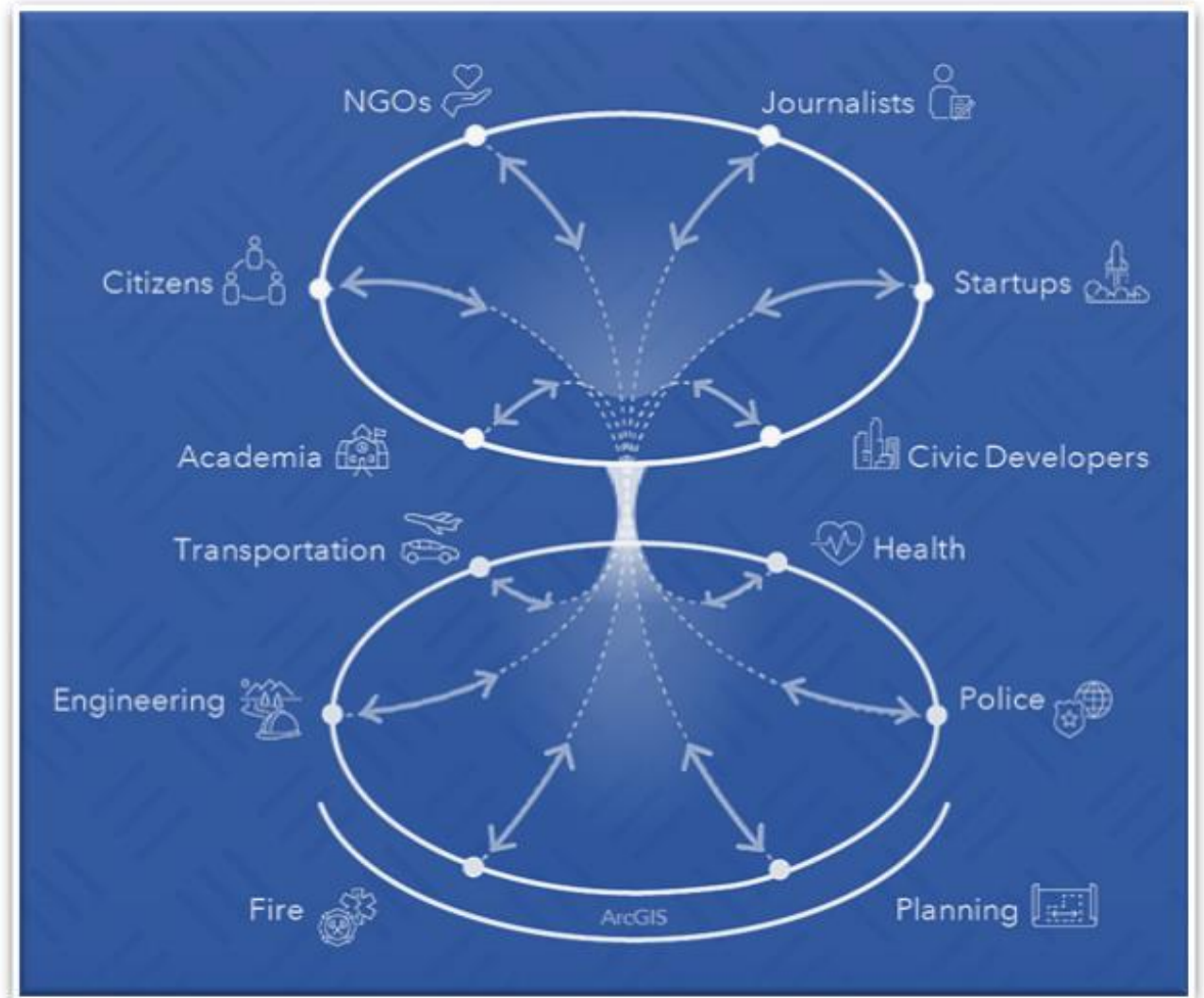
What is Open Data?



Data stored in a central public portal that can be freely used, re-used, and redistributed by anyone to improve services for communities.



Potential Open Data Users



“An open and transparent administration makes it easier for residents to hold their government accountable, but it also serves as a platform for innovative tools that improve the lives of all residents.”

-Rahm Emanuel, Former Mayor of Chicago



Opportunities Open Data Creates



Opportunities Open Data Creates:



Improving Social Transparency and Accountability

By making over 7.7 million points of data available on restaurant inspections, letter grades are assigned to restaurants to inform consumers of restaurant quality in NYC.



Develops Innovative Services

San Mateo County, CA passed two ballot initiatives to fund affordable housing development resulting from the affordability gap their open data highlighted.



Creates New Business Models

By leveraging datasets published on building inspections and permits in NYC, a startup venture, RentLogic, raised over \$2.2M to provide building grades and certifications for prospective renters.

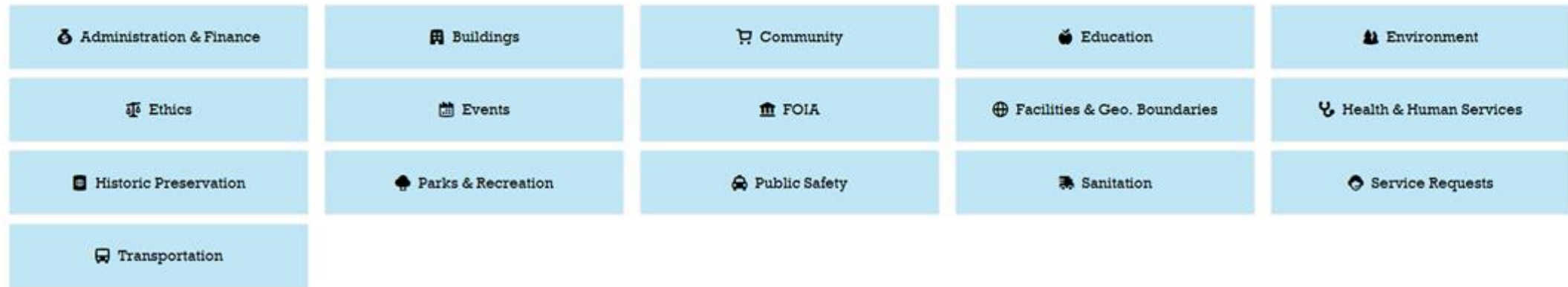


Increases Efficiency of Public Services

City of Chicago saw a 50% reduction in FOIA requests since launching its open data portal.

Chicago's Open Data Portal

BROWSE THE DATA CATALOG BY THE FOLLOWING CATEGORIES



CHICAGO APPS



Open Grid

Explore the health of your neighborhood. Search around you or draw your own search: soon-to-be open businesses, new or renovated buildings, city services requested through 311, and points-of-interest in a single, easy-to-use interface.



Health Atlas

Find health-related data that you can review, explore and compare over time and across communities.



Service Tracker

Find out the status of your 311 service request. Provide the service request number to get current status and which department is working on your request.



Digital Collections

Access digital archives related to Chicago's neighborhood history, making historical resources about Chicago's neighborhoods, parks, and people more accessible to residents and communities.

Douglas County's Open Data Portal

The image displays a grid of 25 green icons, each representing a different data category. The icons are arranged in three rows of six, with the final row containing only one icon centered. Below each icon is a text label. The categories are: All Datasets, County Services, Demographics, Development Activity, Economic, Education, Elections, Financial Transparency, Government, Health, Historic, Hydrography, Infrastructure, Natural Resources, Property, Public Safety, Recreation, Transportation, and All GIS Data.

All Datasets	County Services	Demographics	Development Activity	Economic	Education
Elections	Financial Transparency	Government	Health	Historic	Hydrography
Infrastructure	Natural Resources	Property	Public Safety	Recreation	Transportation
All GIS Data					

Jeffco's Current State



Find Data

Connecting People with Information

Search for Data

Explore Data Categories



Property Information



Political and Tax Boundaries




Transportation

JEFFERSON COUNTY COLORADO

Interactive Web Maps

Welcome to the Jefferson County interactive web map gallery. To open a map, select from any of the applications below.

 <p>jMap</p> <p>Locations and information about Jefferson County properties, streets, addresses, hazards and open space.</p>	 <p>ASPIN</p> <p>Locations and information about properties and parcels.</p>	 <p>P&Z (Public)</p> <p>Publicly available locations and information about planning and zoning.</p>	 <p>Transportation</p> <p>Publicly available locations and information about Transportation and Engineering.</p>	 <p>Open Space</p> <p>Public web application for Jeffco Open Space Parks.</p>	 <p>Wildlife Interactions</p> <p>Locations and details of visitor and staff reported encounters with wildlife in Jeffco Open Space Parks.</p>
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GIS data can be downloaded from the Jefferson County [ESRI Open Data website](#).
Standard maps in PDF format can be downloaded from [Maps of Jefferson County](#).
You can contact the Jefferson County IT Services GIS team at GIS@jeffco.us or (303) 271-8887 M-F 7:30 - 4:30.

Comparison With Other Portals

Features	San Francisco	Boston	Chicago	Douglas County, CO	Montgomery County, MD	Jefferson County, CO
# of Datasets	538	200	556	228	274	35
# of Data Catalogs	10	8	16	17	15	3
Vendor	Socrata	CKAN	Socrata	ArcGIS	Socrata	ArcGIS
# of Story Maps/Apps	Has a showcase page that highlights the applications, dashboards and stories created using Open Data	Has a showcase page that highlights the applications, dashboards and stories created using Open Data	Shows apps developed by developers using Open Data	144	30 Data lenses	
Accurate Metadata Information	x	x	x	x	x	x
Regular Updates of Datasets	x	x	x	x	x	x
Training Videos/Open Data Starter Kit		x	x	x	x	
Feedback Mechanism/Request Dataset form		Contact page that enables users to ask information.	x	x	x	

Insights from Jeffco GIS Teams



BIT GIS

- Expanding uses of spatial data through story maps and other tools
- Interested in collaborating with departments on a cohesive open data plan

Road & Bridge

- Currently implementing systems that will allow for more accurate data collection

Open Space

- Has the time, resources, and interest in exploring open data for OS specifically

Public Health

- Implementing data governance between divisions to address storage, maintenance, and publishing of data

Assessor

- Currently sharing data with data teams for analysis and improvement
- Interested in new opportunities to improve engagement with data

Next Steps for Expanding Open Data Progress



Generate buy-in across leadership and data teams throughout Jeffco

Create data inventory of what each team publishes and manages

Publish datasets already used for existing apps/maps

Analyze and create feedback loops on data usage and requests

Establish an Open Data Program and expand on existing portal

Accomplishments



Met with 5 Jeffco GIS teams to get a cohesive understanding of open data perspectives from across the county

Derived insights from 2 external governments

Documented all data available through jeffco.us

Understand what datasets and next steps should be taken to improve open data efforts