



Seeing Dallas in Data: An Introduction to Open Data in DFW

Instructor: Richard Dunks

Follow along at: <http://bit.ly/intro-open-data>

See the code at: <http://bit.ly/intro-open-data-code>

Data**politan**

Data Solutions for the Modern Metropolis

Welcome!

A Few Ground Rules

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- Assume noble regard and positive intent
- Respect multiple perspectives
- Listen deeply
- Be present (phone, email, social media, etc.)

Introduce Yourself to Your Neighbor

- Who are you?
- What brings you here today?
- Tell us about when a statistic surprised you

Goals for today

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- Practice working with open data

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- Provide some background on open data

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- Provide some background on open data
- Discuss the main elements of open data
- Show some meaningful uses of open data

So Let's Work with Some Open Data

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Some DFW Open Data Portals

- City of Arlington
- City of Dallas
- City of Denton
- City of Fort Worth
- City of Garland
- City of Irving
- City of McKinney
- City of Richardson
- State of Texas
- North Central Texas Council of Governments

Your Turn

Pick one of the portals listed to the left and working alone or in pairs, find 2-3 interesting datasets

Be ready to talk about:

- what you found
- why it seemed interesting
- your experience finding the data

What did you think about this experience?
How would you now define "open data"?

Definition of Open Data

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“ Open data is data that can be freely used, shared and built-on by anyone, anywhere, for any purpose

- [Open Knowledge International](#)

Key Features of Open Data

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- Availability and access

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- Reuse and redistribution

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- Availability and access
- Reuse and redistribution
- Universal participation

Benefits of Open Data

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- Transparency

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I Quant NY

[EMAIL](#) [RSS](#) [ARCHIVE](#)

Quantitative Analysis of NYC Open Data: Every data set that the city releases tells a story. This blog is all about telling those stories, one data set at a time.

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APRIL 24, 2014

Meet the Fire Hydrant that Unfairly Nets NYC \$25,000 a Year

The fire hydrant. For decades, it has been feared by any New York City driver who dares to venture out without a tape measure. If your car comes within 15 feet of a hydrant, the next thing you know you may be at the tow pound, picking it up with a several hundred dollar bill.

Ticketing and towing cars both serve a public service. Nevertheless, I was curious to see which hydrants in New York are responsible for the most tickets. If a particular address had a huge number of tickets, I suspected that something might be amiss. And with some help from [NYC Open Data](#), I launched my so called "investigation".

And look what I stumbled upon.

Meet the hydrant [opposite 152 Forsyth St](#) in Manhattan:

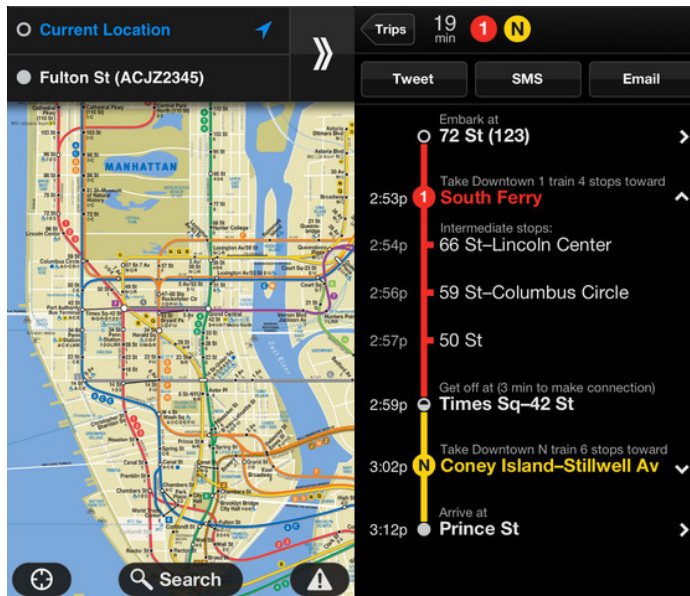


Benefits of Open Data

- Transparency
- Releasing social and commercial value

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SOLARLIST 

Empowering a mobile workforce to bring free solar assessments to New York homeowners.

- Homeowners pay less for solar
- Young entrepreneurs get paid
- Installers sell more solar

The image shows a smartphone displaying the SolarList app interface. The screen features the SolarList logo at the top, a welcome message, a brief description of the service, a cityscape image, and a prominent green button labeled 'GET AN ESTIMATE'.

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HEALTHYOUT

Heart Healthy, Under 600 calories?
We've got you covered.

Quickly find healthy restaurant dishes by calories & points, nutrition tags like low carb or gluten free, cuisines and more.

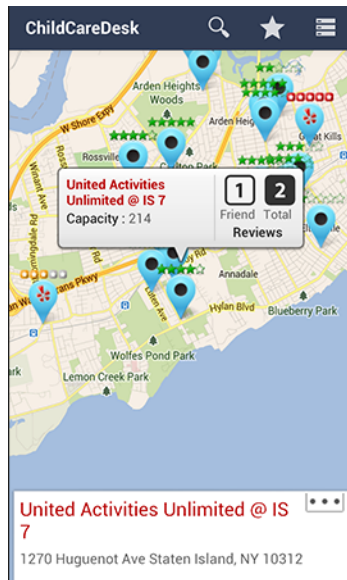
Download on the App Store

GET IT ON Google play

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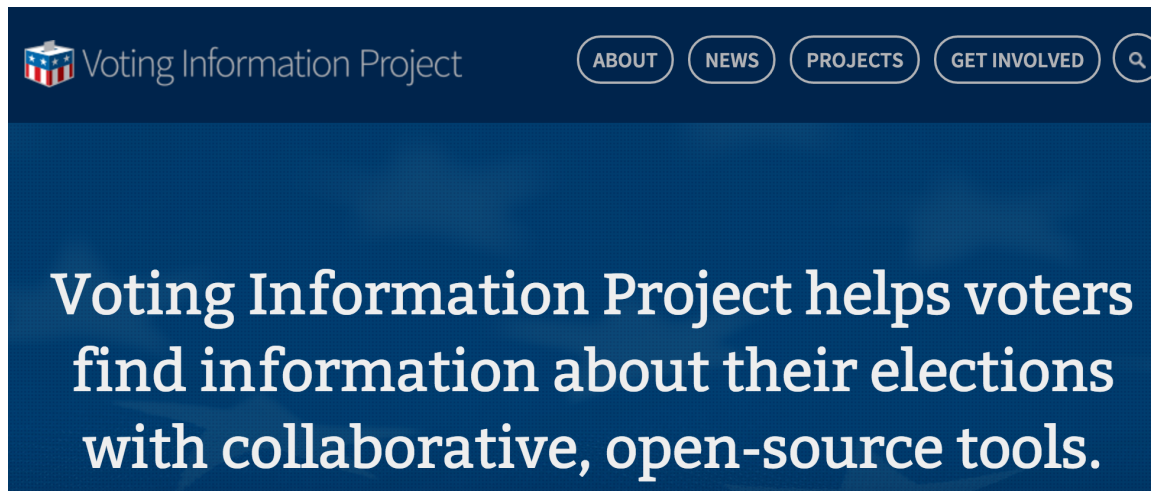


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- Privacy (**PII** and **the Mosaic Effect**)

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Open Data Concerns

- Privacy (**PII** and **the Mosaic Effect**)
- Accuracy
- Security

5 MIN BREAK



ANNOY GRAMMAR PEDANTS ON ALL SIDES BY MAKING "DATA" SINGULAR *EXCEPT* WHEN REFERRING TO THE ANDROID.

Let's Pick One of the Datasets and Explore It

What is Analysis?

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“Analysis is simply the pursuit of understanding, usually through detailed inspection or comparison”

- [Carter Hewgley](#), Senior Advisor for Family & Homeless Services, Department of Human Services, District of Columbia

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- Have fun

Presentations

Wrap-up

What We've Covered

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- What is Open Data

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- Some DFW Open Data Portals

What We've Covered

- What is Open Data
- Some DFW Open Data Portals
- What else?

What can be done with open data?

Examples

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- Living Lots NYC (formerly 596 Acres)

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- [Living Lots NYC \(formerly 596 Acres\)](#)
- [Twitter NYC: A Multilingual City](#)

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- [theMap.io](#) - Robert Munding

Some Things I've Done with Open Data

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- [UN Comtrade Visualization](#)

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- [Citibike Dock Status Twitter Bot](#)

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- [Datapolitan Training Classes](#)

Open Data Portal Vendors

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- [OpenGov](#)

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- ESRI

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- OpenDataSoft

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- ESRI
- OpenDataSoft
- Datopian

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- Some data is better than no data, but good data is better than bad data
- **PDFs are where data goes to die**

Thank You!

Contact Information

- [Email me](#)
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Please take a moment to let us know what you think