Open data: The new oil fueling civic tech

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What is open data?

“Open data is data that can be freely used, reused, and redistributed by anyone—subject only, at most, to the requirement to attribute and sharealike.”

Open Data Institute - https://theodi.org/

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Open data is the opposite of oil

Image source: https://opensource.com/article/18/8/django-framework

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My first interaction with open data

Image source: https://www.crimemapping.com/
Resource: https://www.raleighnc.gov/home/content/Police/Articles/OnlineCrimeMapping.html

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Dipping my toes into open data with surf forecasting


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Surfline

Image source: https://www.surfline.com/
Swell Info

Image source: https://www.swellinfo.com/
Magic Seaweed

Image source: https://magicseaweed.com/
Finding your superpower

Code for America: Send in the Brigade

Explore the 74 Brigades across the US

Image source: http://brigade.codeforamerica.org/

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Open data that you use everyday (and it’s economic impact)

Image source: https://opensource.com/business/10/5/show-me-money

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46 start-ups part of the ODI incubator

Source: https://theodi.org/global-network-directory/odi-startups/

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Open Data 500 from GovLab

Source: http://www.opendata500.com/us/list/

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Open data impact map

Open Data Impact Map

A public database of organizations that use open data from around the world.

90 countries
1615 organizations

Source: https://www.opendataimpactmap.org/
2600+ open data portals

Source: https://www.opendatasoft.com/a-comprehensive-list-of-all-open-data-portals-around-the-world/

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Making open data consumable

Our CityLife mobile and cloud platform makes it easy for cities to deploy mobile apps for services, open data, beacons and wearables. Whether you are in a government agency, IT, a developer or simply interested in your community, you can create interactive solutions. As a cross-platform end-to-end solution, we deliver rich analytics to demonstrate ROI and robust feature support while still being accessible to non-developers.

Source: https://www.appcitylife.com/
Open data ripple-effect

Image source: https://opensource.com/business/15/11/how-record-screencasts

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Economic impact: $3 trillion annually

Image source: https://opensource.com/article/18/10/database-metrics-matter

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Economic impact: Data.gov


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Europe: Job creation and cost savings

Image source: https://opensource.com/article/19/2/resiliency-maps

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Open data can save your life

NEW Find your closest public food and supplies distribution point.

Source: https://www.florenceresponse.org/
Open data helps us make better decisions

Image source: https://opensource.com/article/18/1/top-4-open-source-analytics-tools

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The power of open data

Image source: https://opensource.com/article/19/1/metrics-guide-open-source-projects

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Slides: https://github.com/jhibbets/presentations