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/
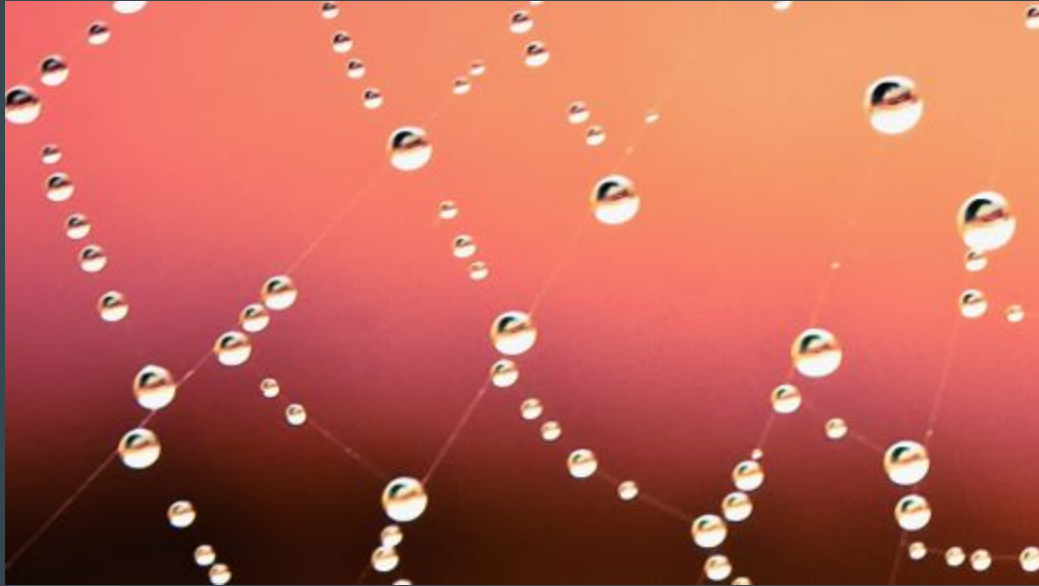
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Open data is the opposite of oil

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
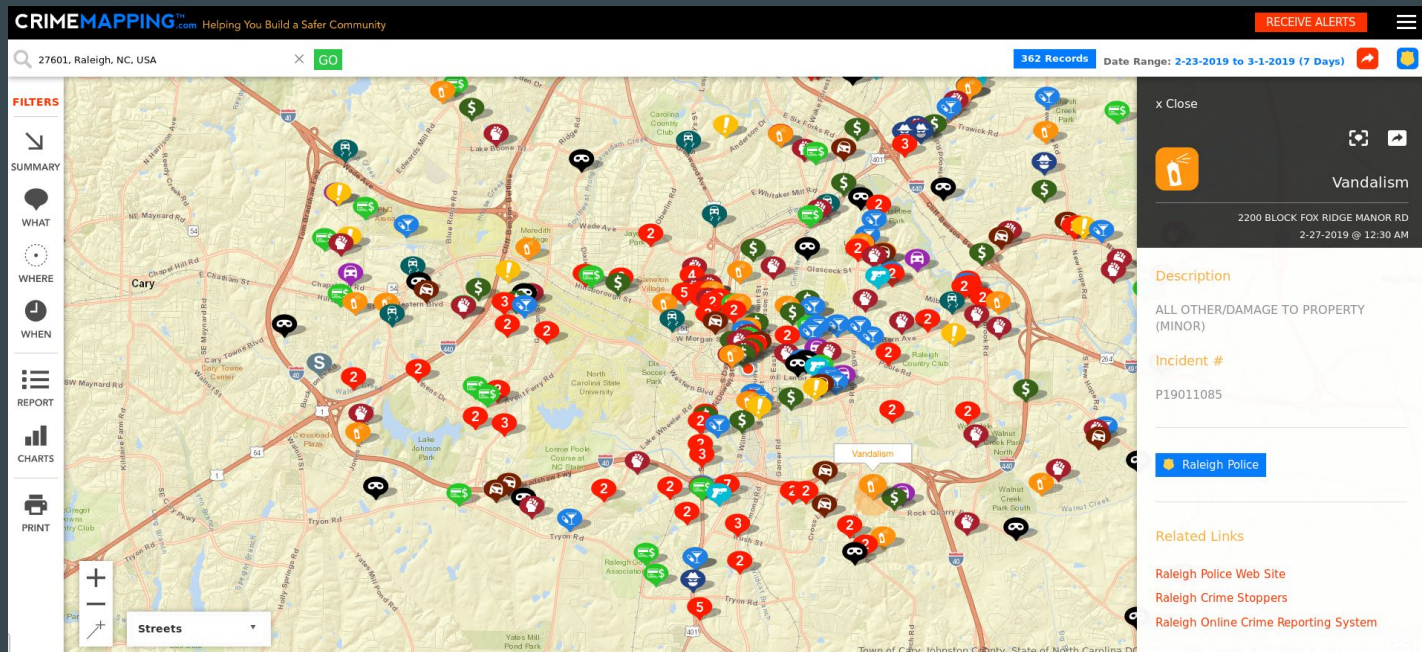
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Dipping my toes into open data with surf forecasting
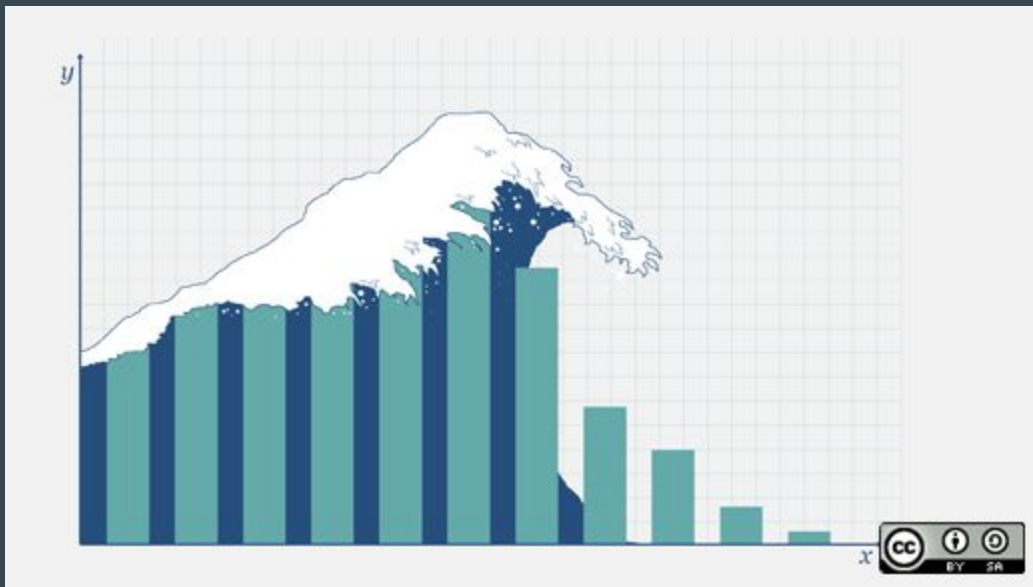
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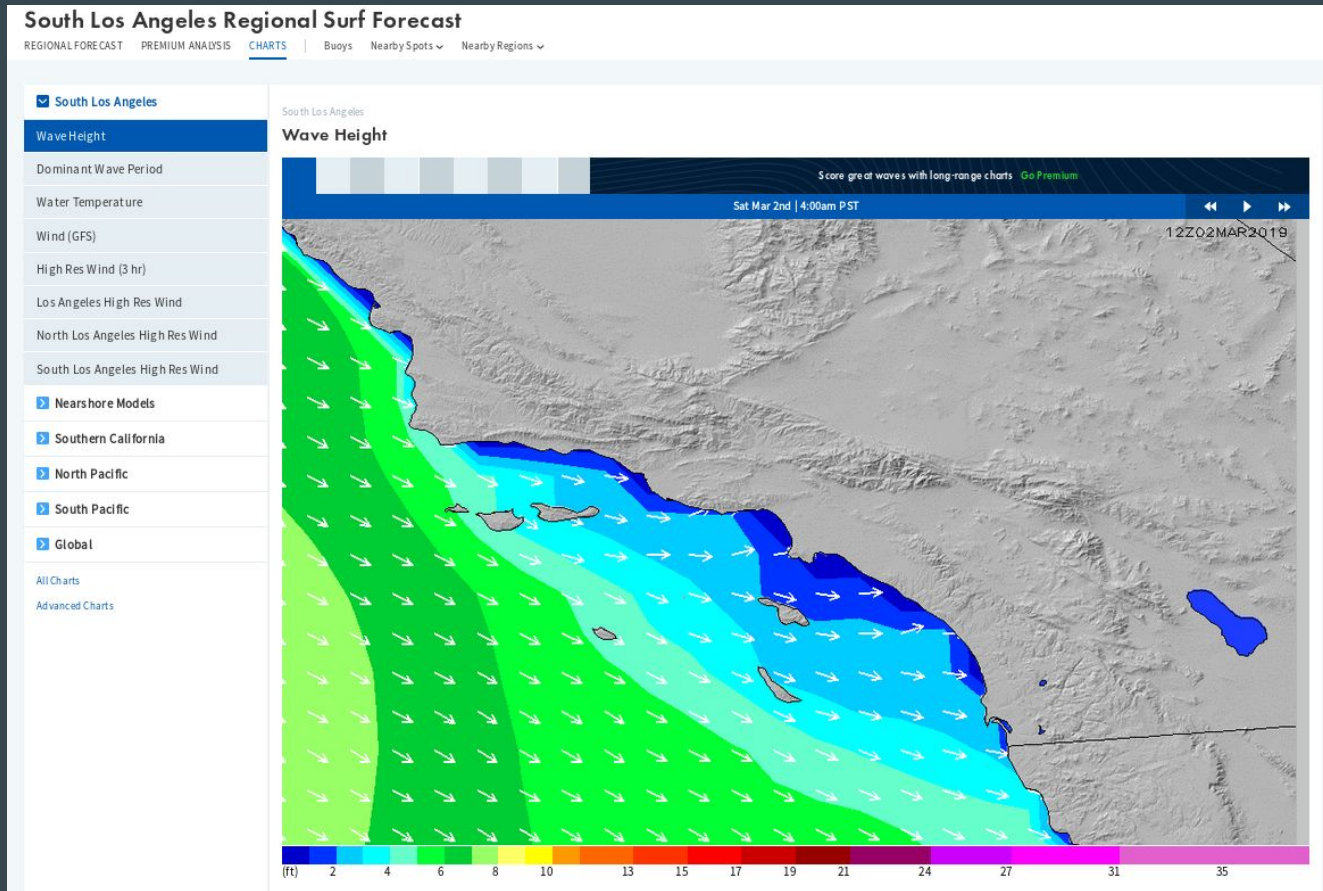
Surfline

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

Swell Info
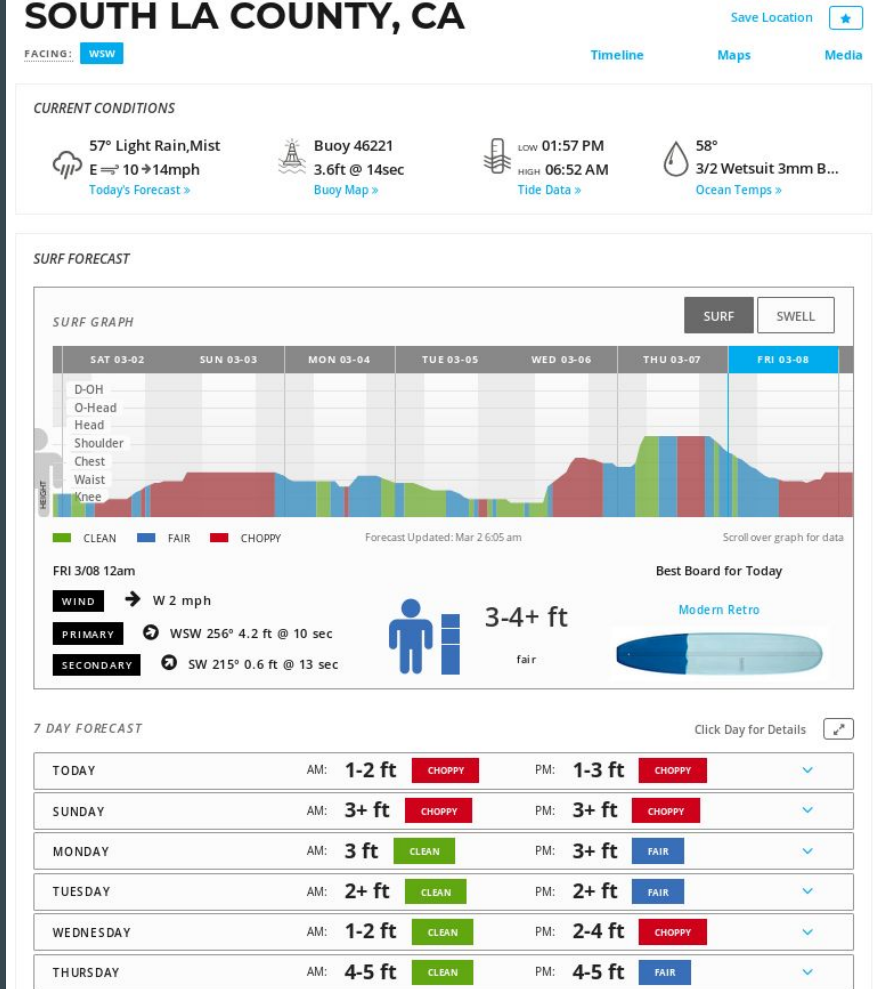
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Magic Seaweed

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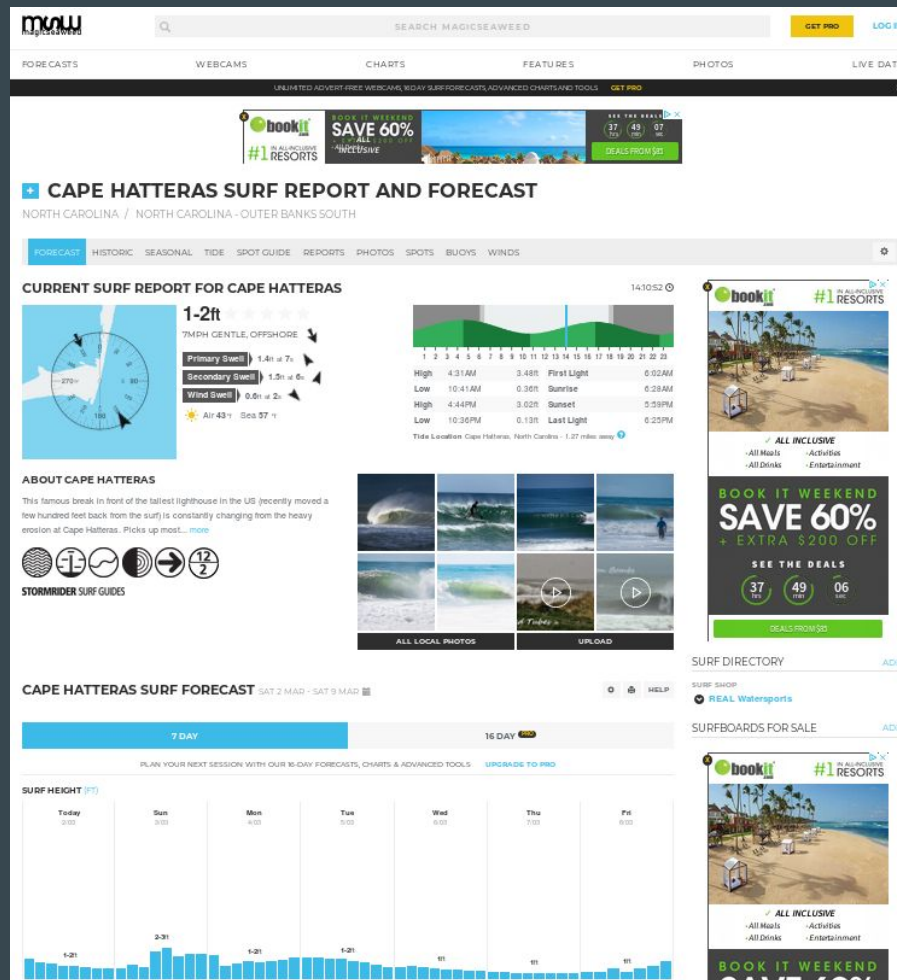
Finding your superpower

Image source: http://opensource.com/government/13/8/citizen-cio

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)
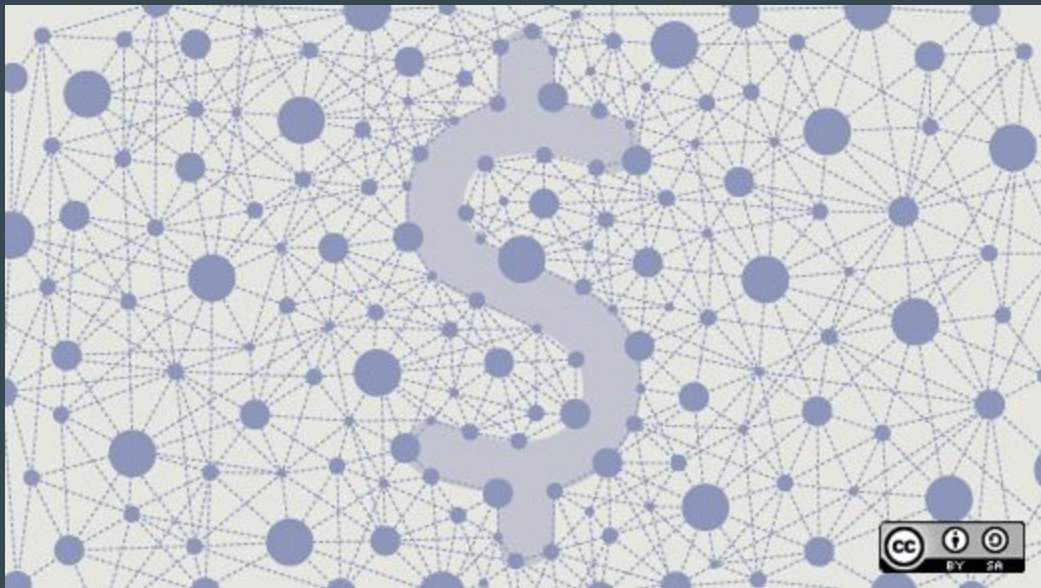
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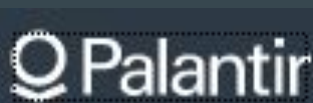# 46 start-ups part of the ODI incubator

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Open Data 500 from GovLab

GRANICUS

Palantir

SeeClickFix

mapbox

REDFIN

WattzOn

OpenCounter

Ssas.

yelp

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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

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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 PLATFORM

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.

APP SERVER   NATIVE APPS   CHAT BOT   ANALYTICS SERVER   BEACONS, WEARABLES & IOT   OPEN DATA SERVER

Source: https://www.appcitylife.com/

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Open data ripple-effect
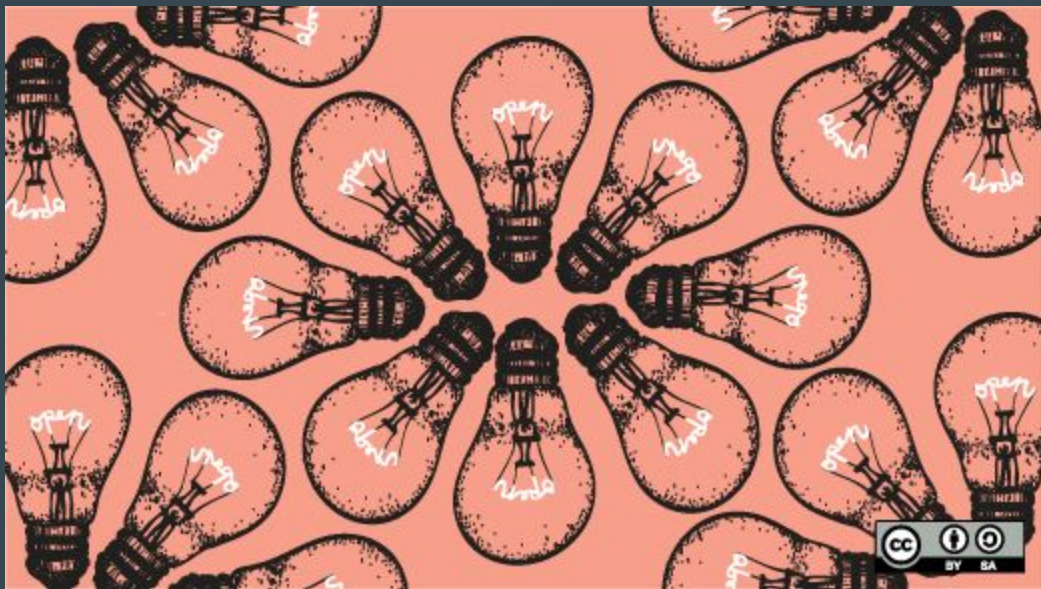
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Economic impact: $3 trillion annually

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

Economic impact: Data.gov

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Europe: Job creation and cost savings

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

Open data can save your life

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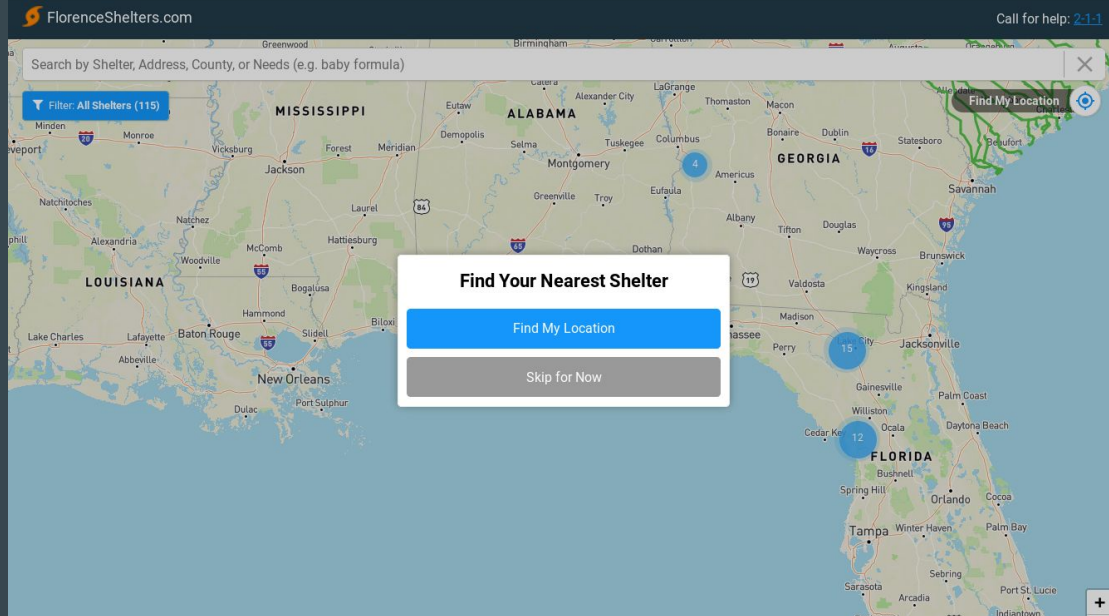
Open data helps us make better decisions

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

The power of open data

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

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Book: http://theopensourcecity.com

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