Technology-Led Economic Development in Real Time

Innovation Clusters, Big Data and Living Labs

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The Role of Cities in a Global Economy
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TECH ♥ BROOKLYN

And vice versa. The Brooklyn Tech Triangle takes a look at the rapidly growing love affair happening in the new epicenter of the tech industry.

THE PLACE TO BE

> Talent lives in Brooklyn

77.2%

OF FIRMS SAY MORE THAN HALF OF EMPLOYEES LIVE IN BROOKLYN

OF FIRMS SAY ALL OF EMPLOYEES LIVE IN BROOKLYN

Innovation firms want to be in Brooklyn

originated originated stronghore in NYC outside of NYC

to the Trimple

> Top reasons firms choose Brooklyn 45.5 % NEIGHBORHOOD CHARACTER

TECH'S IMPACT

THE TECH TRIANGLE CONSISTS OF THE NAVY YARD, DOWNTOWN BROOKLYN, AND DUMBO

523

INNOVATION FIRMS IDENTIFIED IN THE TRANGLE

20% OF FIRMS STARTED IN THE LAST 16 MONTHS

EXPECT TO AT LEAST DOUBLE IN EMPLOYMENT IN THE NEXT THREE YEARS

\$3.1B

ECONOMIC IMPACT ON THE BROOKLYN ECONOMY

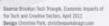
CONTINUING RAPID GROWTH

2012	2015			
523	639	FIRMS		
1.7M	3.1M	SQUARE FEET OF WORK SPACE		
9,628	17,960	EMPLOYEES		
23k	43k	ADDITIONAL JOBS SUPPORTED		
\$3.1B	\$5.9B	TOTAL ECONOMIC		

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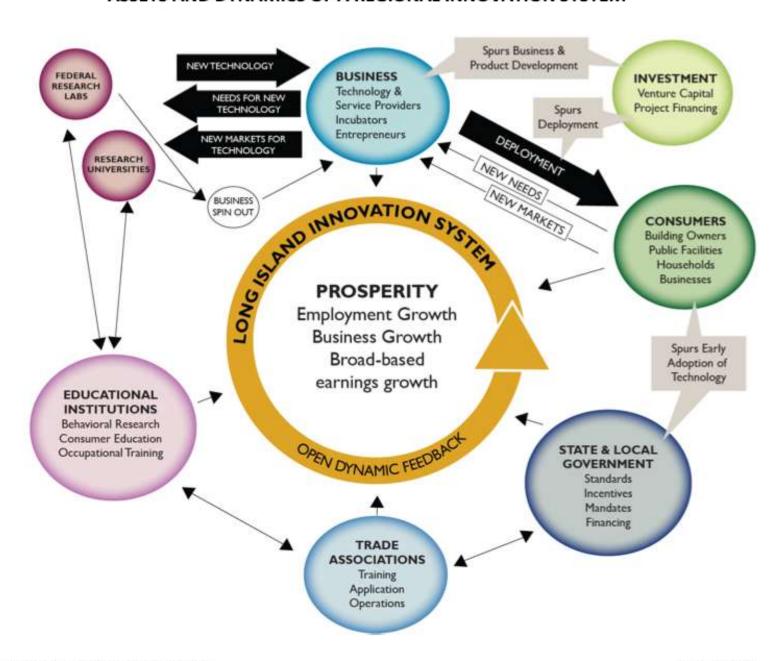


Inputs and outputs of innovation clusters

- Inputs
- Federal R&D funding
- Corporate R&D
- Venture capital
- Science and engineering PhDs

- Outputs
- Patents
- Licensing revenue
- New business formation
- Employment growth
- Household income
- Productivity growth
- Quality of life

ASSETS AND DYNAMICS OF A REGIONAL INNOVATION SYSTEM



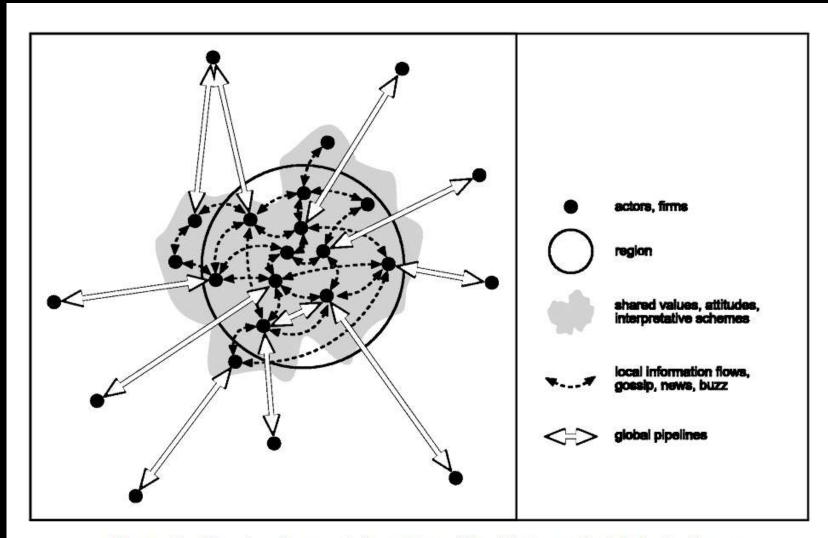
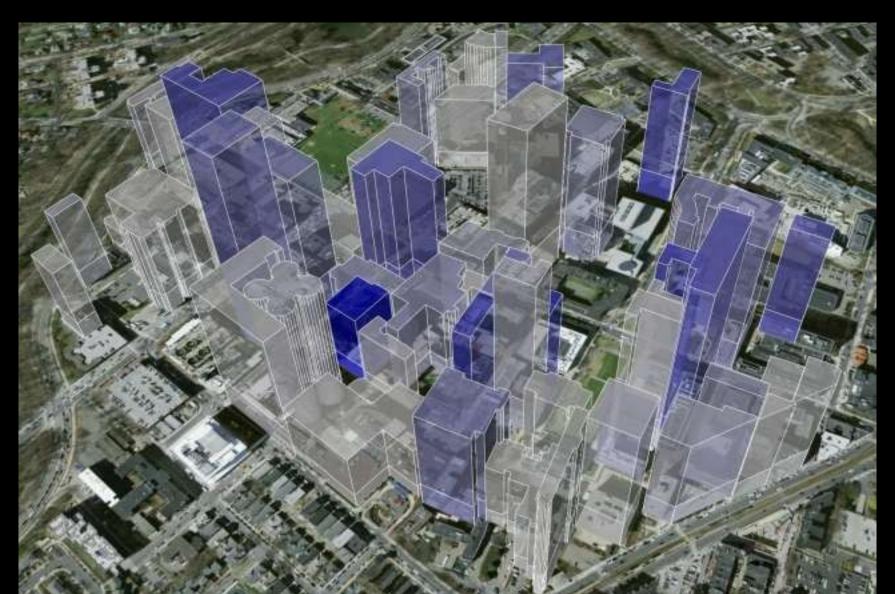
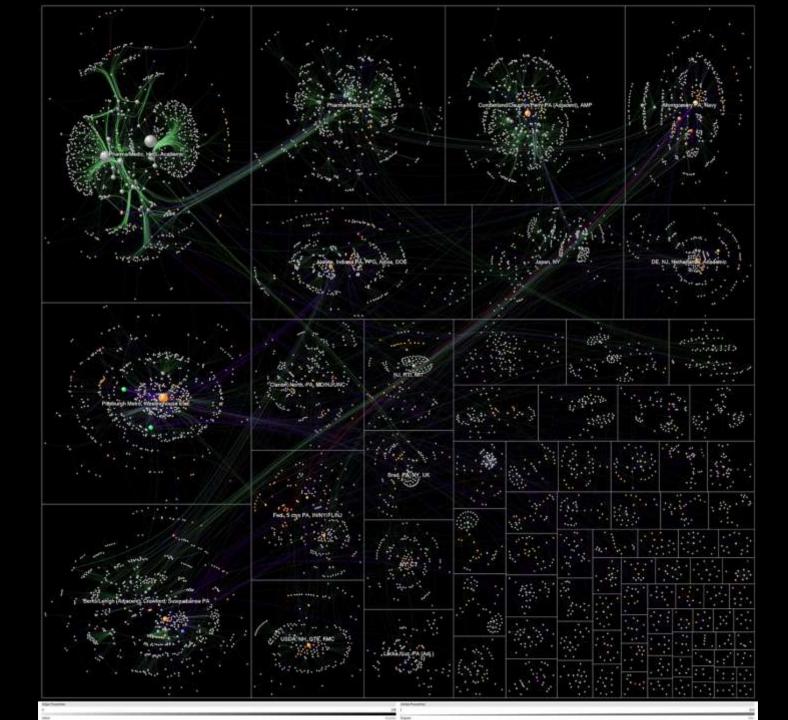


Figure 1 The structure and dynamics of local buzz and global pipelines

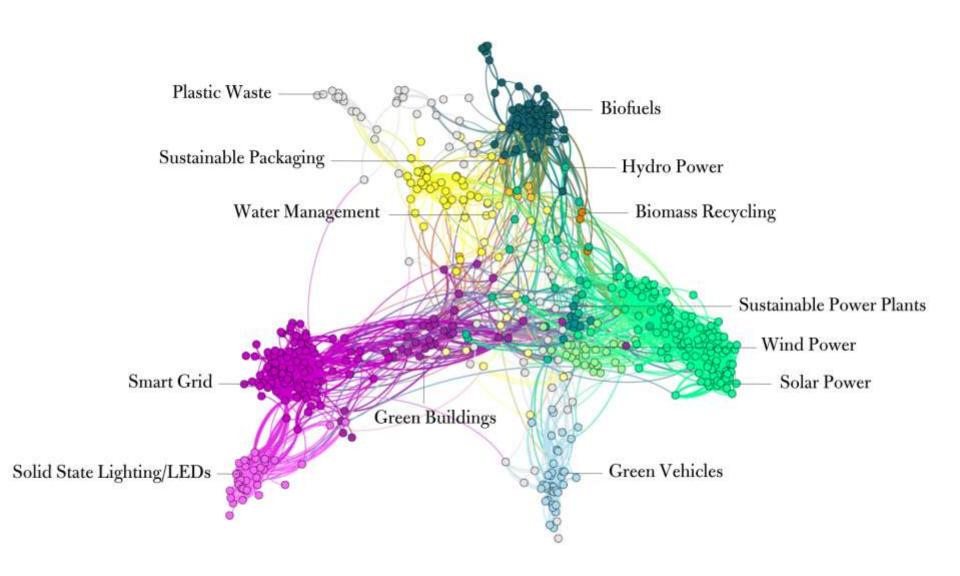
Clusters and knowledge: local buzz, global pipelines and the process of knowledge creation Harald Bathelt, Anders Malmberg and Peter Maskell *Prog Hum Geogr* 2004 28: 31

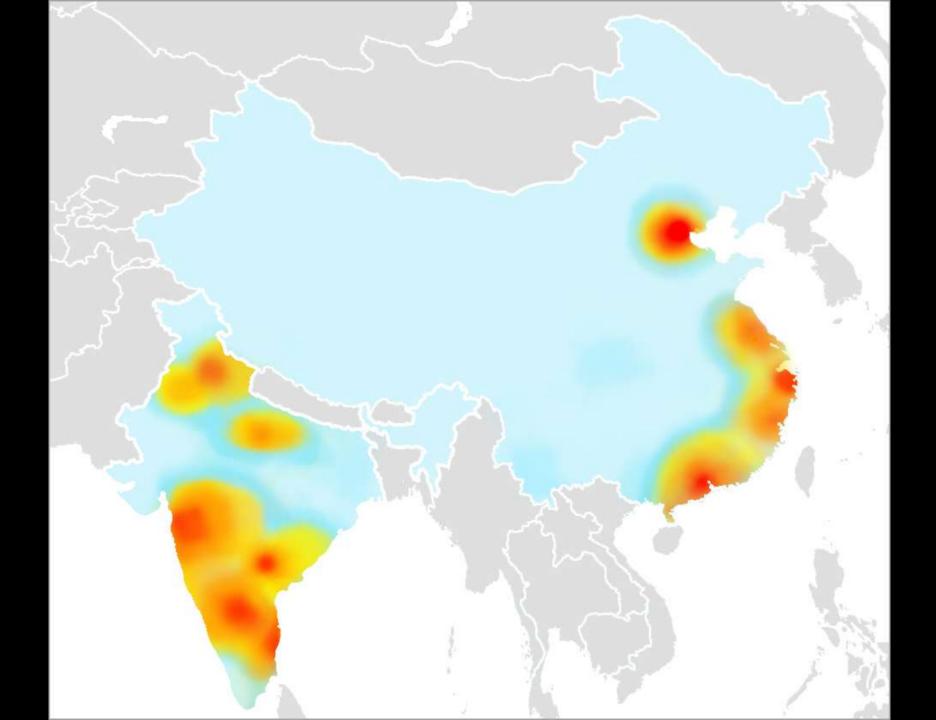
proximity and collaboration in biomedical research











using social network data exhaust to map urban economic clusters



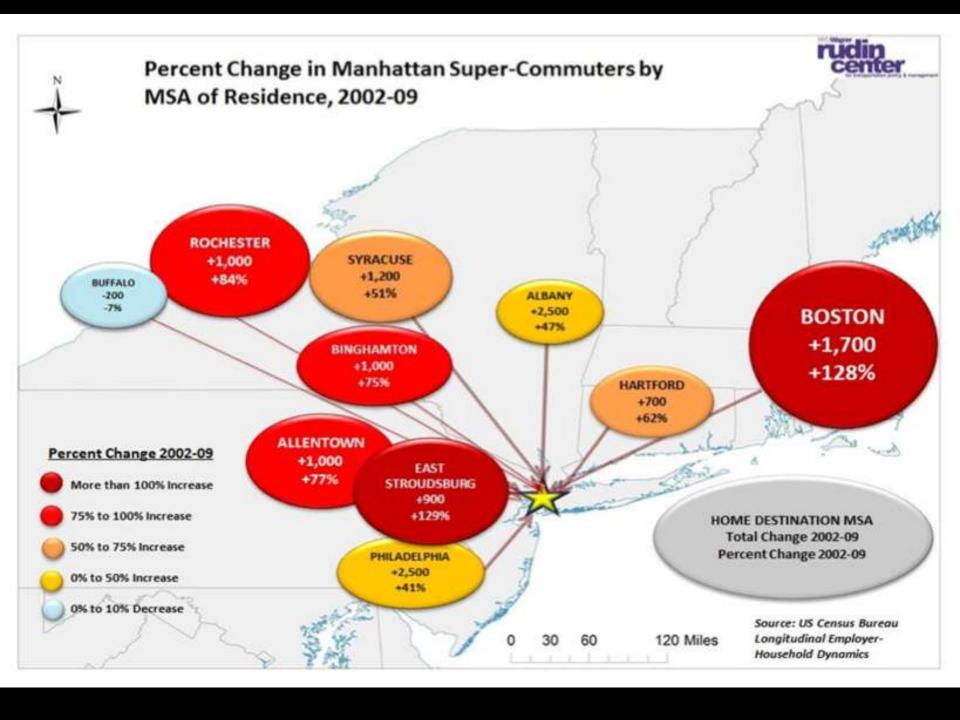
Kickstarter Stats

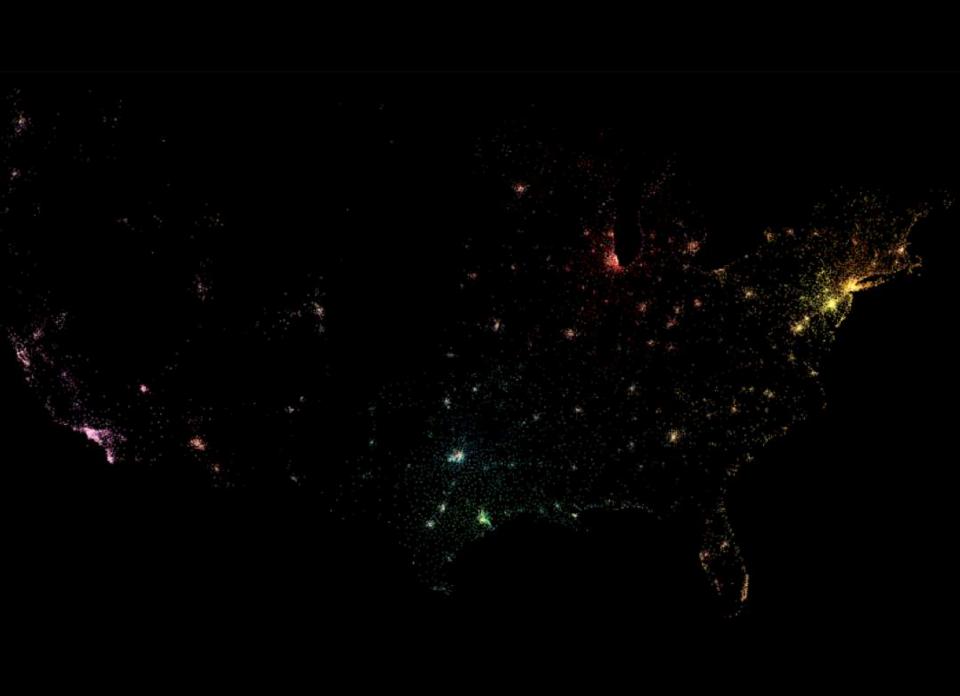
This page is updated at least once a day with the raw data behind Kickstarter. Metrics include funding success rates, dollars pledged, and trends of successfully and unsuccessfully funded projects. Statistics are available for the site overall as well as each of the 13 project categories. Check out our blog for more on Kickstarter's data.



Projects and Dollars

Category	Launched Projects	▼ Total Dollars	Successful Dollars	Unsuccessful Dollars	Live Dollars	Live Projects	Success Rate
AII	78,020	8417 м	^{\$} 359 м	^{\$} 45 м	°14 м	3,393	43.77%
Film & Video	21,571	^{\$} 97.51 м	^{\$} 80.57м	^{\$} 14.45м	^{\$} 2.49 м	700	39.39%
Games	3,595	^{\$} 77.90 м	^{\$} 69.21 м	^{\$} 5.52м	^{\$} 3.17м	285	34.32%
Music	18,151	^{\$} 59.39 м	^{\$} 52.82м	^{\$} 4.83 м	^{\$} 1.74м	727	54.18%
Design	2,826	^{\$} 58.62м	^{\$} 51.24м	^{\$} 5.66 м	^{\$} 1.72м	195	37.32%
Technology	1,567	^{\$} 32.83 м	^{\$} 28.78 м	^{\$} 2.55 м	^{\$} 1.50м	75	32.44%
Publishing	8,743	^{\$} 20.09 м	^{\$} 16.10м	^{\$} 3.21 м	^{\$} 777.62к	447	31.23%
Art	7,145	^{\$} 17.89 м	^{\$} 15.09 м	^{\$} 2.36 м	^{\$} 439.10 κ	285	48.60%





HOW'S THE RED LINE?

NORTHBOUND

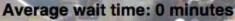
TO ALEWIFE

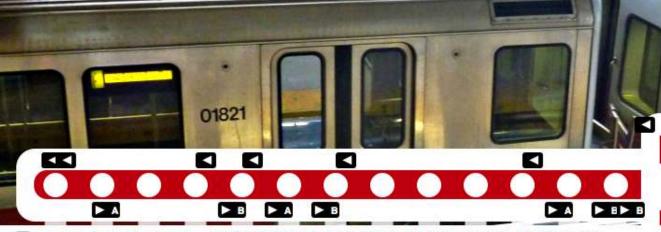
Average wait time: 0 minutes Trains in service: 8

SOUTHBOUND

TO ASHMONT/BRAINTREE

Trains in service: 12





I really don't want to have to put ads on here. Would you consider pitching in a few bucks?



How F*cked is the T? on Facebook

Like 1,741

D 日本日子(日)

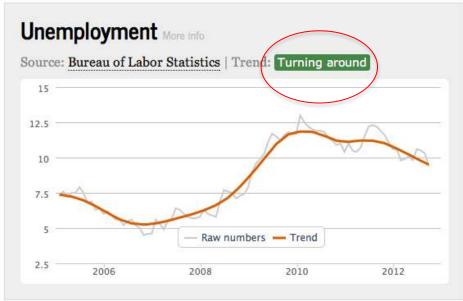
Created by Joey Brunelle, a.k.a. Goose Rock Design. Thank you, MBTA, for the data! Aren't the T photos awesome? Thank Chris Devers, autisticpsycho & this guy. PS - DC Metro, it's your turn. NSFW Version

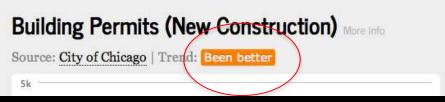
http://howsbusinesschicago.org

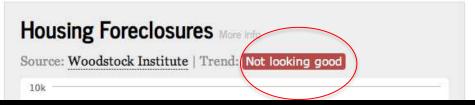
Home About

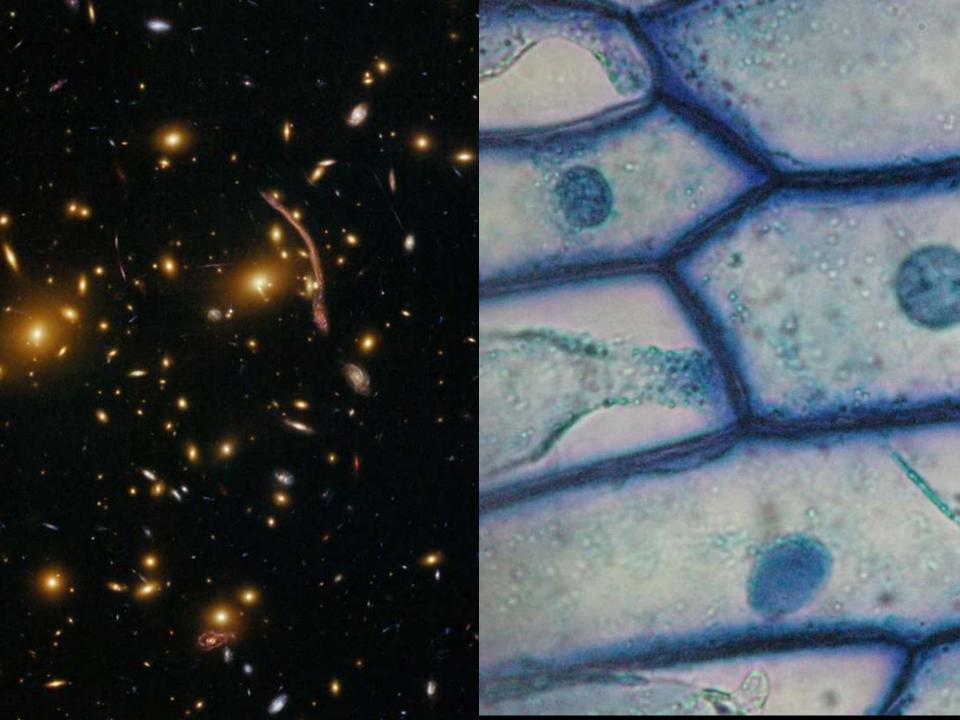
How's Business? A look at the Chicago economy, based on open data











Center for Urban Science and Progress NEW YORK UNIVERSITY



New York's Big Data "Local Buzz" Networks of Data-driven Business and Innovation

"data is the new plastic" -John Borthwick, BetaWorks

"data startups are becoming the next "layer" of the NYC tech scene — the way content and advertising startups were the foundational layer of "Silicon Alley" from 1995 to 2005." -Matt Turck, Bloomberg Ventures

- Companies: Google, Microsoft Research New York City
- Investors: IA Ventures (only VC firm in the country that has an exclusive focus on data as an investment thesis), Union Square Ventures (NYUPoly board member Fred Wilson), RTP Ventures
- Major Events: Strata, Structure: Data, Data Gotham
- Meetups: NYC Data Business, Data Drinks, NYC Predictive Analytics, NYC Machine Learning, New York Open Statistical Programming Meetup, Open Analytics NYC, NYC Hadoop Users Group, NY Graph Meetup, DUMBO Tech Breakfast
- Hubs: General Assembly, NYC Resistor (Brooklyn)
- Open Source Projects and NGOs: MongoDB (created by local startup 10Gen), Public Laboratory, Datakind: Using Data in the Service of Humanity
- Startups: Opera Solutions, Sense Networks, Foursquare, Bitly, SocialFlow, Kno.des, Visual Revenue, Dataminr, NextBigSound, Numberfire, Sailthru, Collective[i], Custora, PlaceIQ, YieldBot, Mediamath, m6d, 33across, Clickable, Buddy Media, 1010Data, FluidInfo, CrowdControl, Mortar Data, Datadog

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