



Vizalytics Technology

neighborhoods.nyc

building communities with data

Vizalytics partnered with the New York City Mayor's office of Technology and Innovation to build neighborhoods.nyc, a website that draws from the Vizalytics Knowledge Graph to provide traffic, transit, quality of life, health, inspection, event, and other information about each of the more than 400 neighborhoods in the city's five boroughs. The site is both a resource for residents and a catalyst for community organizing and change – and a demonstration of what smart cities the world over can create for their citizens.

Smart Cities

Open government data can make a tremendous difference in the lives of city residents and businesses – if only they can find it, make sense of it, and put it to use through convenient mechanisms to communicate both among their peers and with the government.

Cities get smart when they master the art of data as a two-way street. Accordingly, New York City's Office of Technology and Innovation named the Vizalytics Mind My Business™ app for shopkeepers the Best Mobile App at BigApps NYC 2014, after which the city and Vizalytics struck up a partnership to develop a website for New York's neighborhoods.

That's how a "neighborhoods" site for your city would begin to take shape, with a partnership to identify the applicable open data sets in your city and begin feeding them into the Vizalytics Knowledge Graph. In New York, neighborhoods.nyc draws on data sets that provide transit alerts, 311 service requests, construction and traffic updates, emergency notifications, event permits, and more. Neighborhood maps display each report, highlighted by an icon, alongside a bookmarked list of all current information. Each neighborhood site also includes a lookup tool for schools, libraries, restaurants, greenmarkets, tenant protection resources, polling places, and public officials.

Living with Data

In [announcing the launch](#) of neighborhoods.nyc in 2015, New York Mayor Bill DeBlasio said the site makes it "easier than ever for New Yorkers to engage with their communities at the touch of a button." In a city where neighborhoods are the key to quality of life, New Yorkers use neighborhoods.nyc to find out what's going on in their communities, and what they can do about it.

Looking at a neighborhood site, a subscriber might find a notice about a farmer's market this weekend, a pothole report down their street, a taxi driver complaint in the area, a water leak in a building next door,

Vizalytics Technology enables smart cities by unlocking the potential of open data, connecting the governments that create it to the citizens and businesses who need it. The cloud-based, patent-pending Vizalytics Knowledge Graph receives a continuous stream of data from hundreds of public and private open data sources. The Knowledge Graph then applies context-focused analytical lenses to the data and feeds insights to our users, in real time, via geo-located alerts, visualizations, and maps. Vizalytics clients – local businesses, neighborhoods, governments, enterprises, and individuals – receive predictive guidance about our changing world, saving money and time, increasing efficiency, and uncovering opportunities. They also avoid risk with their data securely protected in international data centers that meet U.S., European Union, and other global data protection and cloud computing standards.





a report on cigarette sales to a minor. All alerts go beyond the notice to provide actionable options for sharing or finding more information. Some actual alerts:

- A neighbor reported a dirty sidewalk in front of 2836 Broadway last Tuesday. Residents and shopkeepers are required to keep the area in front of their home or business swept clean. Make sure you know all the rules. DSNY has a brochure that tells you what you need to know. You can download it [here](#).
- A pothole was reported earlier this week at 116 Avenue and 142 Street. Did you know that potholes are characterized by a definable bottom surface such as dirt or gravel? You can report potholes on city streets using this [Pothole Form](#). For potholes on highways or parkways, contact NYC311.
- A sewer backup was reported at 144-11 119 Avenue last Tuesday. This can cause a public health situation. Sewer backups should be reported to NYC311. DEP will respond quickly.
- Gas line repair work is under way on 144 Street between 115 Avenue and 116 Avenue. Expect traffic disruption and construction noise.
- Underage drinking at a licensed establishment was reported at Broadway and Exchange Place last weekend. NYPD and the NY State Liquor Control Board investigate allegations of serving alcohol to minors.

Transit alerts for Metropolitan Transportation Authority services include detailed information on alternate routes. All alerts include a share button so a subscriber can spread the word via email or text message.

Building Community

New York City's vision for the neighborhoods.nyc platform is to build online hubs for information sharing and community organizing and engagement, on the theory that true community action bubbles up from the streets. That's the Vizalytics model for any data-conscious city – connect government to the people, driving the data where it can be used to enable change.

Can we build a neighborhoods site for your city? [Contact us](#) to see how it's done.

[Go to neighborhoods.nyc](#)

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