NYC Analytics
Mayor’s Office of Data Analytics

Mission:
Actionable insight for NYC Government

Open By Default

bit.ly/MODALIB
2010 - Open data legislation introduced
2012 - Passage of NYC’s Open Data Law
2016 - Amendments to strengthen law
JOIN US FOR
NYC OPEN DATA WEEK
MARCH 1 - 9, 2019
#nyc #opendata
www.open-data.nyc/
Open Data by the Numbers (FY18)

- 1 million+ unique users
- 6 million+ pageviews in FY18
- 600+ new datasets published by 38 agencies and offices
  - total of 2,100 datasets comprising 15 billion rows
- 400+ new datasets added to Open Data plan for future publication
- 200+ unique agency civic engagement commitments
Open Data is an invitation for anyone anywhere anytime to engage with New York City
See how creators are answering everyday questions with open data

Here you can find examples of open data in action and gain inspiration for projects of your own.

Welcome to the NYC Open Data Project Gallery!
NYC Open Data powers companies, universities, and nonprofits in New York and around the world. See how it is used by local activists to advocate for change, by entrepreneurs to develop products, and by teachers to teach analytics skills in the classroom.

www.opendata.cityofnewyork.us/projects
311 Data & Life in NYC

- Exploratory Data Analysis Class project with 311

Plots by Borough

Analysis of 311 complaint calls for New York City during the month of February 2018.

Instructions:
1. In the main panel at the top, the "Boroughs" tab and the "Complaints" tab each contain exploratory plots.
2. In the panel below, click "What," "How," "When" and "Where" to view different types of plots.
3. In the main panel at the top, click the "Summary" tab to read the summary of the research.
4. In the side panel at the bottom, click the links to view the respective codes.

Where Do Complaints Occur (Manhattan)
EXPLORING THE FREQUENCY OF COMPLAINTS GEOGRAPHICALLY

The data is only for the month of February 2018 and is filtered by the top 15 most frequent complaints.

See Code:
- What (boroughs)
- How (boroughs)
- When (boroughs)
- Where (boroughs)
NYC High School AP Exam Comparison: 2010 & 2012

- Comparing district’s results with DOE HS Directory

The 4 maps you will be seeing in the following slides compare the 2010 and 2012 AP results of 186 schools in New York. With this map, you will be able to see the improvements or the degeneration of each school in a span of 2 years.

Boroughs and Districts

This is a map that shows the different districts and boroughs of New York City. There are 5 districts (Bronx, Queens, Manhattan, Brooklyn, Staten Island), and 31 districts. I will be mentioning a lot about the boroughs and districts in the following slides, so if you’re not familiar with what NYC looks like, it’s good for you to check this map before reading the following slides.

Total AP Test Takers

This is a map that show the amount of AP test takers in 2010 and 2012. There are datas for 186 schools, some schools are not listed on this map.
Automatic Reconstruction of Immersive Urban Environments

- **Geopipe** with street trees, landcover raster, roadbed, sidewalk
After the Pride Parade

- Assess the effect of the parade on local business and transit with TLC Taxi data

Each year, New York City celebrates Pride Month with a large procession down 5th Avenue, passing by the Stonewall Inn, the site
Thank you!

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bit.ly/MODALIB
https://github.com/MODA-NYC
NYC.GOV/OPENDATA