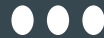


Web Mapping with CartoDB



Alison Blaine - Jennifer Garrett



Data Visualization Services

lib.ncsu.edu/do/visualization



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> Ask a question or
request a consultation



Alison Blaine



Karen Ciccone



Visualization

A good data visualization can expose new patterns and relationships in your data and help you communicate about it more clearly. We can help you:

- > use visualization spaces and technologies
- > use GIS and online mapping software
- > learn how to create more effective data visualizations
- > visualize research impact

Visualization Spaces

The Libraries provides spaces and technologies for high-resolution, immersive, 3D, and interactive displays of research data. We provide boilerplate facilities descriptions for inclusion in grant proposals. [Contact us](#) for more information and assistance.

WORKSHOPS

JAN

15

Getting Started with Data
Visualization: Tools for
Research!

11:00 AM to 12:00 PM

JAN

15

Creative Coding Group

12:15 PM to 1:15 PM

JAN

27

Visualize Your Data with
Tableau

3:00 PM to 4:00 PM

JAN

29

Data Cleaning and
Analysis Tips and Tools:
Excel and Open Refine

11:00 AM to 12:00 PM

[View all workshops >](#)

CartoDB Use Cases

- Make a map for a website, large-scale display or mobile application (responsive)
- Make a static image of a map to include in a report
- Make an interactive map that supports investigation, drilling-down/filtering data
- Make a map with little to no experience.

Developer features



CartoDB.js

Our JavaScript library is the main tool to extend your existing visualizations or create new ones from within your website.

[Learn More](#)



Maps API

Create maps based on your data and display them on Leaflet/Google Maps or any other client. Or use the Static Maps to generate images.

[Learn More](#)



Data API

Perform queries and retrieve your data, in addition to account authentication - you can write, update, delete, and import data programmatically.

[Learn More](#)



Import API

Asynchronously upload files and import data to your CartoDB account through the command line or any language of your choice.

[Learn More](#)

Strengths and weaknesses

- Does not support robust features like raster calculation that you would find in ArcGIS
- Does not allow you to make your maps or data private unless you upgrade.
- Allows you to write SQL statements and customize the map with CSS
- Interfaces with QGIS and ArcGIS

Today's workshop materials

go.ncsu.edu/cartodb