

Visualize your data on an interactive map

Anna Kijas
Digital Scholarship Librarian
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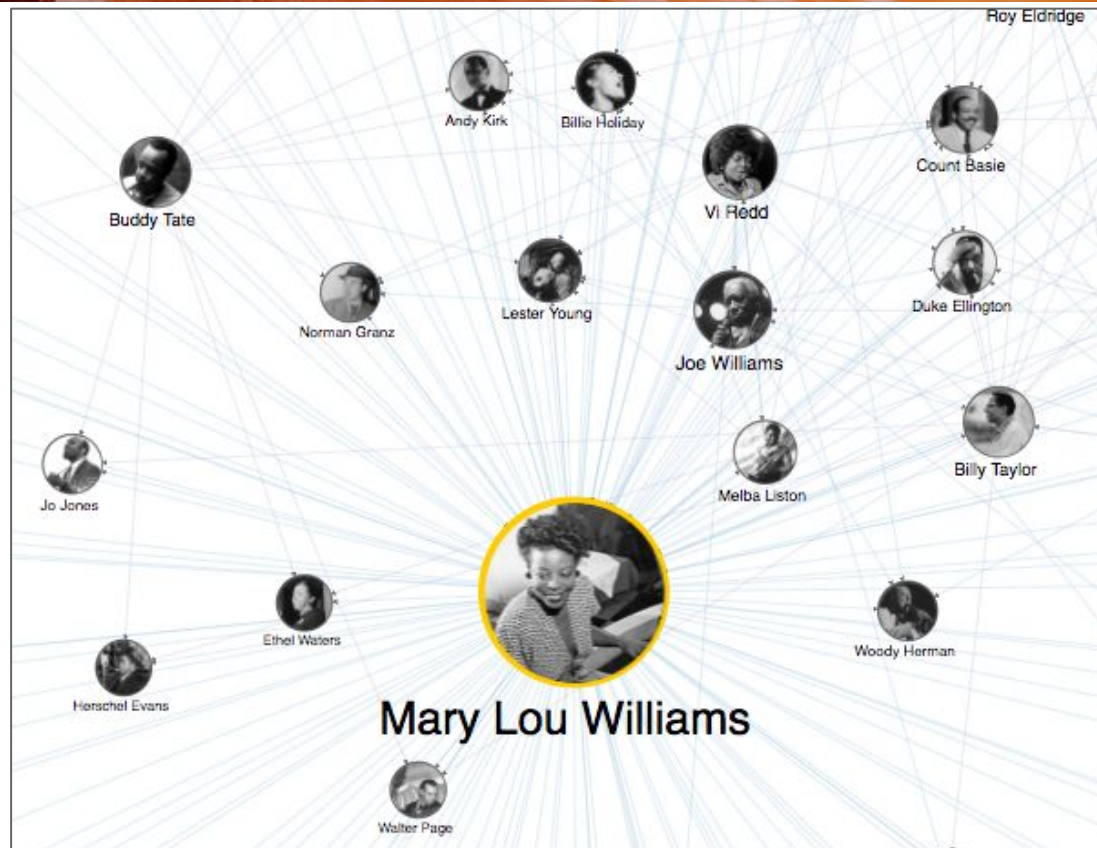
goo.gl/HXrWQA






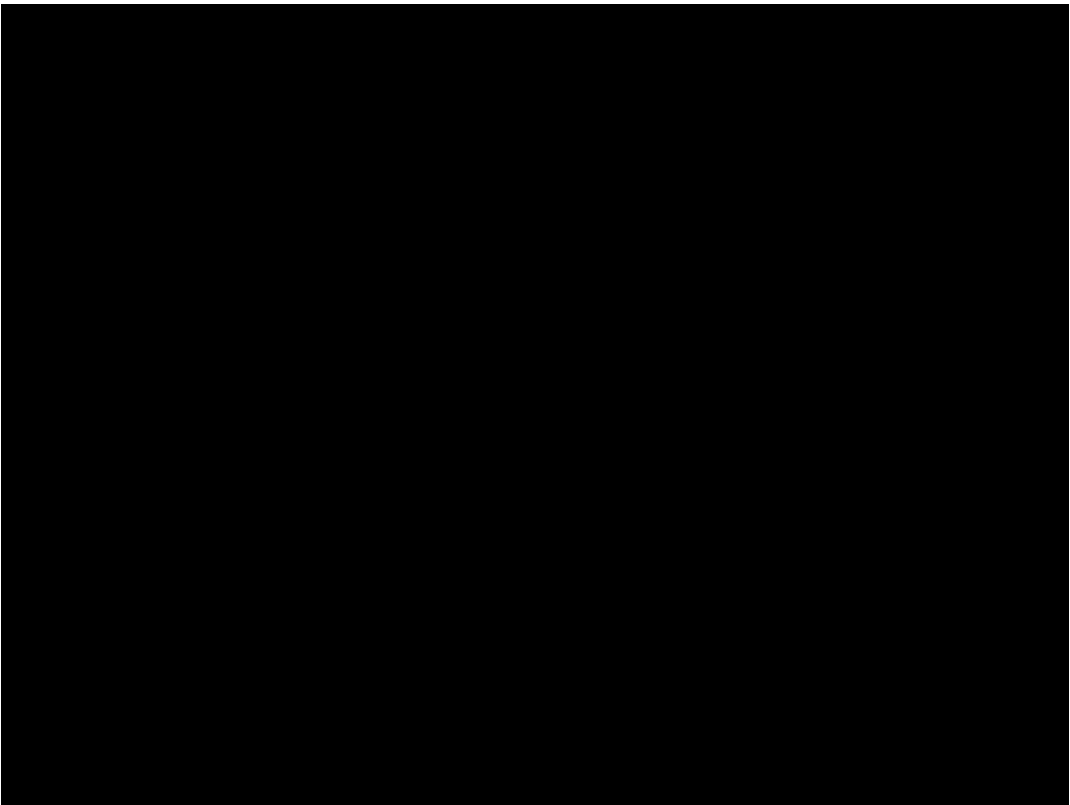
How & why do we use
visualization?

Cristina Pattuelli, *Linked Jazz*.
Pratt Institute School of Library
Information Science.
<https://linkedjazz.org/>

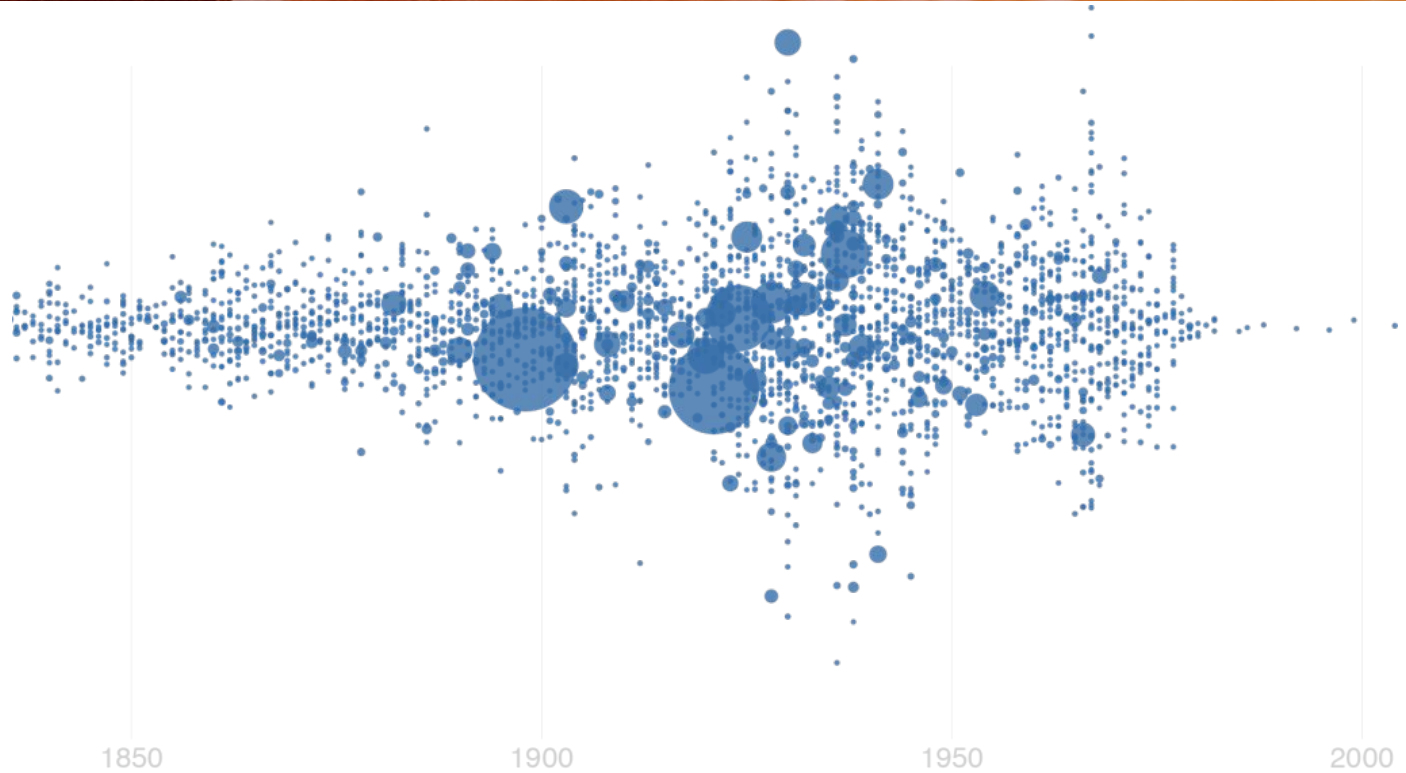




Lindsay King and Peter Leonard,
Robots Reading Vogue. Yale
University.
http://dh.library.yale.edu/projects/vogue/slice_histograms/

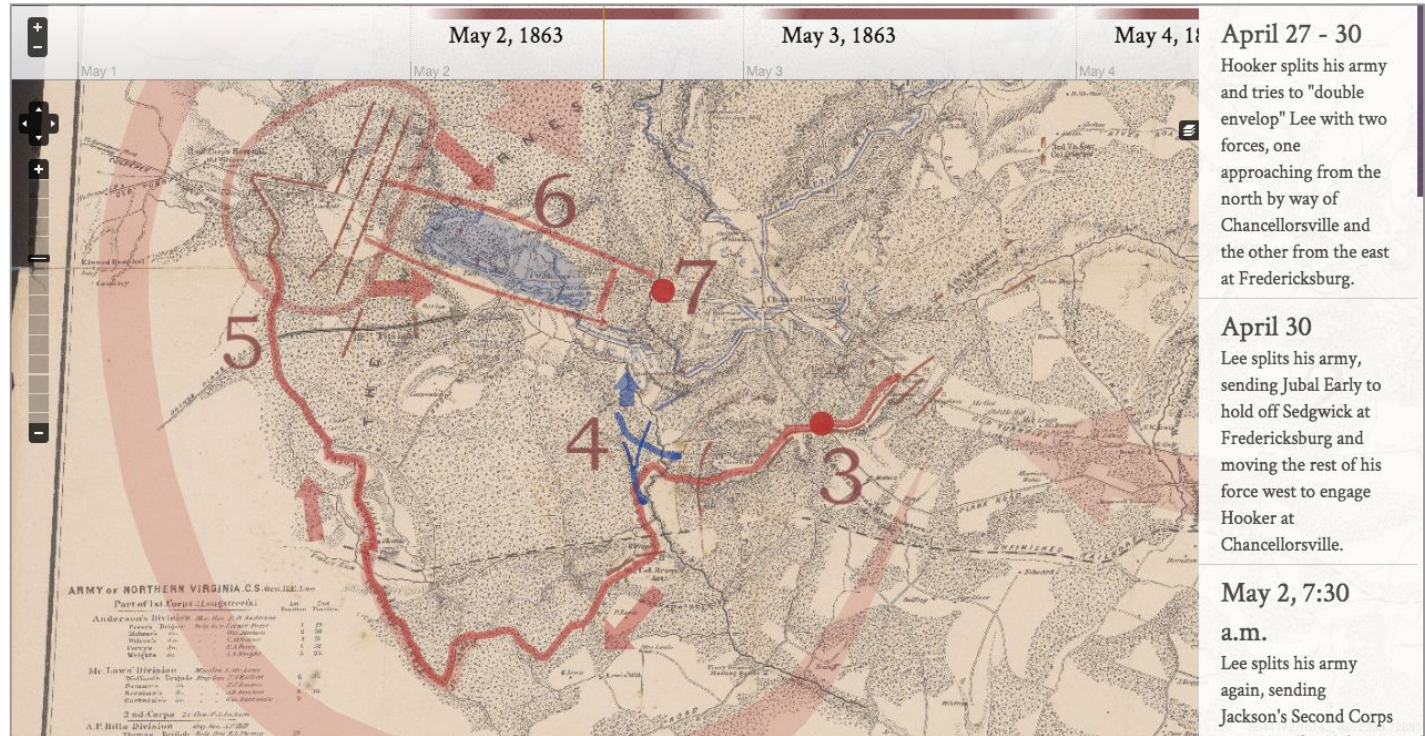


Florian Krautli's
visualization of artworks
in the Tate collection
based on artists
birthdates.



<http://research.kraeutli.com/index.php/2013/11/the-tate-collection-on-github/>

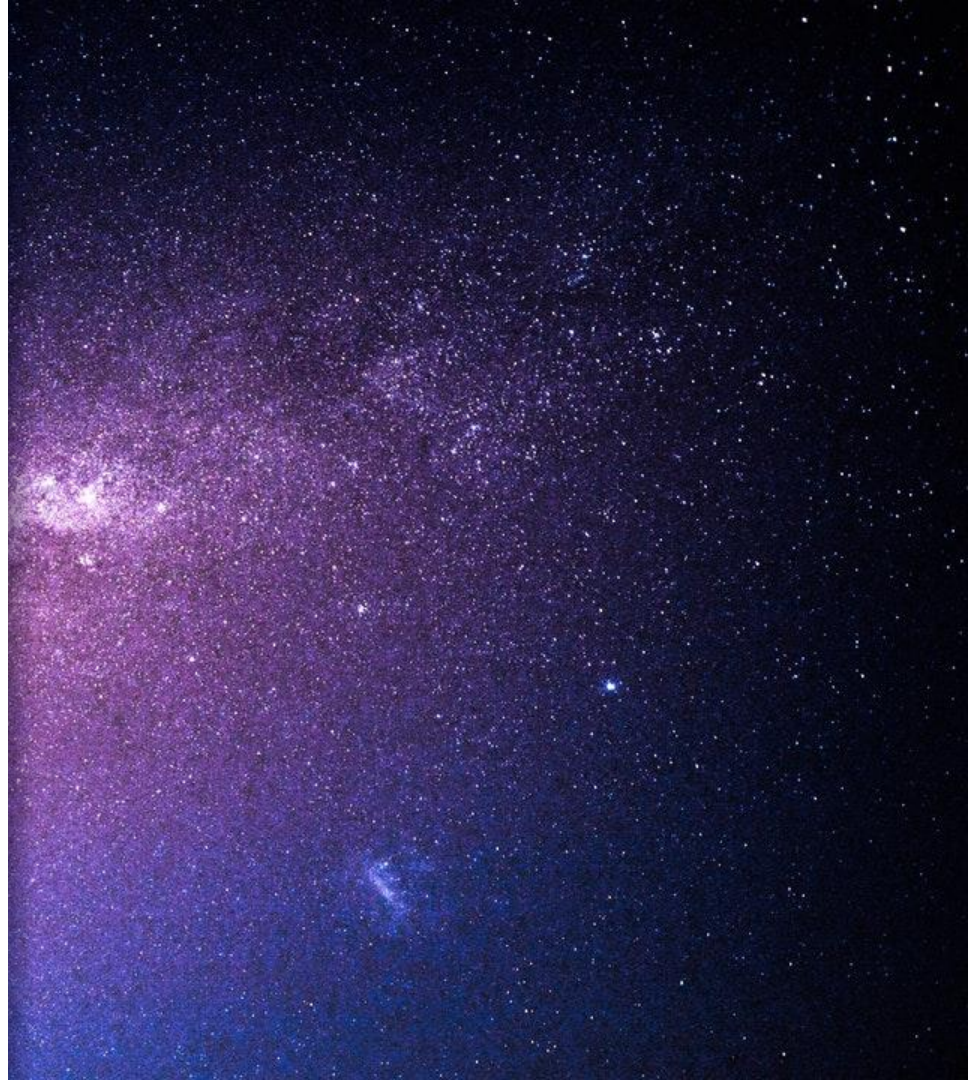
Jedediah Hotchkiss and The Battle of Chancellorsville



<http://hotchkiss.neatline.org/neatline-exhibits/show/battle-of-chancellorsville/>

Points, Lines, Polygons...

GIS terms demystified



What about the data...

Attribute
data

Landmark_ Name	Areas_Des	Address	Neighborhood	Full Address1	Latitude	Longitude
Arlington Street Church	Exterior only (Parcel 1227)	355 Boylston Street	Back Bay	355 Boylston Street Back Bay Massachusetts	42.3520023	-71.0715271999999
James Blake House	Exterior & Interior (parcel 2942)	210 East Cottage Street	Dorchester	210 East Cottage Street Dorchester Massachusetts	42.3196471	-71.0605344
International Trust Company Building	Exterior only (parcel 4662)	45 Milk Street	Boston	45 Milk Street Boston Massachusetts	42.3565597	-71.0575753999999
Austin Block	Exterior only (Parcel 3686)	90-92 Main Street	Charlestown	90-92 Main Street Charlestown Massachusetts	42.373766	-71.063141
Theodore Parker Unitarian Church	Exterior and windows	1851 Centre Street	West Roxbury	1851 Centre Street West Roxbury Massachusetts	42.2863087	-71.1544552

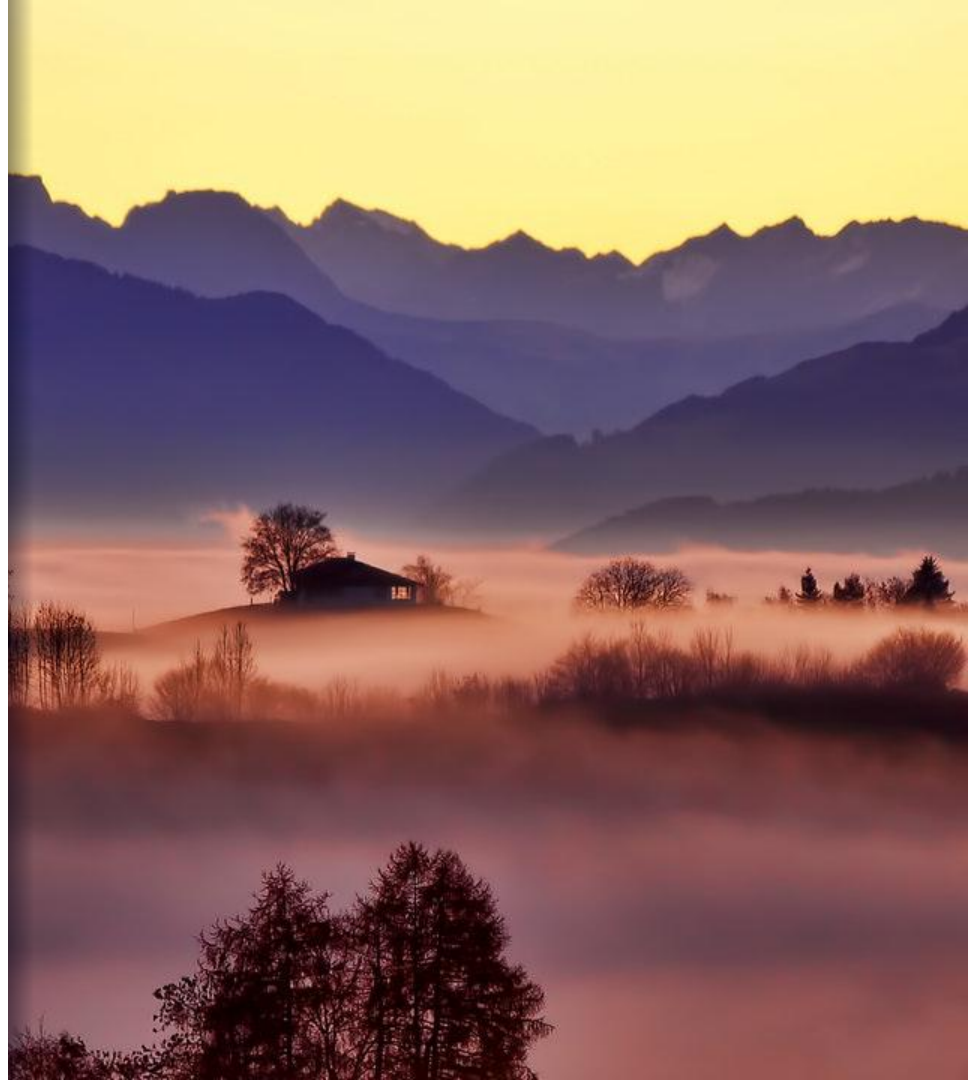
Spatial
data

Let's look at our data

Go to:

github.com/BCDigSchol/coffee-code

- Select *Carto-Workshop* → *Carto-2017-Fall* and open *exercise-1.md*
- Open *datasets* folder
 - Download datasets and add to Google Sheets to view



Things to consider...

1. What are you trying to visualize?
 - a. Attribute & spatial data
 - b. Images, historical maps?



CSV



Shapefile

2. Where is your data drawn from?
 - a. Did you collect your own data or download from a source?
 - b. Do you need to georeference your locations?
3. How will you clean or format your data?
4. Which tool(s) are most applicable to your needs?



Exercise

Let's make a map!

Navigate to **carto.com**

Reflections & Discussion



Credits



Special thanks to all the people who made and released these awesome resources for free:

- Presentation template by [SlidesCarnival](#)
- Photographs by [Unsplash](#)