

## MODULE 5 Visualizing Textual Data: An Introduction

### KEY TOOLS/PLATFORMS

#### HathiTrust + Bookworm

A tool that visualizes word frequencies over time in the HathiTrust Digital Library. It can be accessed at: <https://bookworm.htrc.illinois.edu/develop>.

#### ACTIVITY: Which visualization technique?

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Match the type of use to type of visualization:

Visualization	What would it be good for?	Uses
Word cloud	Topical density	Change over time Spatial Topical density Relationships Word distribution
Trees or hierarchies	Word distribution	
Networks	Relationships	
Timeline	Change over time	
Map	Spatial	
Bubble chart	Change over time	
Heat map	Topical density	

**Bonus:** what kinds of variables (i.e. data points) you would need for each visualization?

#### ACTIVITY: Visualize word trends

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Use the HT+BW tool at: <https://bookworm.htrc.illinois.edu/develop> to visualize political concepts

- As examples, you could try: fascism, socialism, nationalism, or internationalism.
- Experiment with the settings and faceting.
- Get creative!