Start looking at network visualization. Hopefully find some that are interactive and can show data over time.

Network data sets visualized and think through different options and how to do it.

* Go through the code book
* <https://zoomcharts.com/en/blog/javascript-network-charts-turning-data-into-interactive-graphs>

Libraries to review:

1. <https://r.igraph.org/articles/igraph.html>
2. <https://cran.r-project.org/web/packages/network/index.html>
3. <https://slcladal.github.io/net.html>
4. <https://cran.r-project.org/web/packages/igraph/igraph.pdf>
5. <https://cran.r-project.org/web/packages/networkDynamic/index.html>

Figure out if it’s a new website or a additional page in the current website

Find examples of network visualizations

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Portfolio ideas:

* <https://github.com/alshedivat/al-folio>
* <https://academicpages.github.io/>

Look into visNetwork or networkD3 libraries for interactivity

* <https://datastorm-open.github.io/visNetwork/nodes.html>
* https://cran.r-project.org/web/packages/visNetwork/vignettes/Introduction-to-visNetwork.html

Questions:

1. Is it possible for a node to have an edge with itself? Use german development bank as an example
2. Am I attatching this to the existing website or am I creating one from scratch?

Add-ons for next meeting:

* Directions
  + We should know which way the arrows are flowing
* Additional arrows
  + There are multiple arrows from sender to receiver. Try to lump them together.
* Color coding
* Country
  + We want to be able to select which countries data we are viewing
* Orgtype
  + We want to be able to filter on organization types
* Sector
  + We want to be able to filter on sectors
* Different types of edges
  + We want to be able to filter on the different types of edges
* What data it comes from, CRS, NT data
  + We want to know and be able to select which dataset we are viewing
* <https://v-dem.net/vparty_dash>
* Also include a way to view and download the dataframe