**Summary of files:**

Data\_cleaning.py in ‘Python files’ folder creates the dictionary\_output.txt (json) file for the December 2016 survey that is the template for the other waves.

In the folder ‘Havi’ there are 3 other main python files that cleaned the data - datacleaning\_jun2016\_v2.py, datacleaning\_jan2016 and 2017\_complete.py. The output .txt files are in the subfolder ‘output’.

To create the network visuals in d3.js, use the code at this webpage:

<https://observablehq.com/@d3/radial-dendrogram>

The only line you have to change is the data line – you need to create a gist with the json file and use the url of the raw data to update. Instructions are found here:

<https://observablehq.com/@observablehq/introduction-to-data>

The relevant json files for this are outputjun16\_d3js.txt and cleaned\_northstar\_external.json (for Dec 20160. These files are in the output folder as well.