

# **GEOG 432/832: Programming, Scripting, and Automation for GIS**

## **Unit 14.01: Group work**

**Dr. Bitterman**

# Today's schedule

- Open discussion
- Presentation schedule
- Group work

# Open discussion

# Schedule for next week

- M: 3 presentations
- W: 1 presentation, followed by wrap-up
- F: No class

**Sign up time**

# Point pattern activity

- Find a partner

# Your tasks:

Using **AdopotanAsh\_BH\_220308.zip** from the GitHub repository:

1. Make a map showing the density of street trees across Lincoln
2. Make a *different kind of* map showing the densit of *ash trees* across Lincoln
3. Get boundary data from <https://opendata.lincoln.ne.gov/search?tags=boundaries> (I don't care which boundaries - it's up to you)
4. Calculate the total number of trees (or the number of ash trees) in each spatial unit from the boundaries data
5. If you have time, make a choropleth map of the counts/unit, then overlay the individual points on top. Use legible symbology and good cartographic practices

## For next class

- Project presentations!