Principles of Complex Systems, Vols. 1, 2, & 3D
CSYS/MATH 6701, 6713, & a pretend number
University of Vermont, Fall 2023
Assignment 17
"You chloroformed the janitor?" ☐

Due: Thursday, April 4 in class

https://pdodds.w3.uvm.edu/teaching/courses/2023-2024pocsverse/assignments/17/

Some useful reminders:

Deliverator: Prof. Peter Sheridan Dodds (contact through Teams)

Assistant Deliverator: Chris O'Neil (contact through Teams)

Office: The Ether

Office hours: See Teams calendar

Course website: https://pdodds.w3.uvm.edu/teaching/courses/2023-2024pocsverse

Overleaf: LaTeX templates and settings for all assignments are available at
https://www.overleaf.com/read/tsxfwwmwdgxj. If this link doesn't work, try
https://www.overleaf.com/read/tsxfwwmwdgxj#456832

All parts are worth 3 points unless marked otherwise. Please show all your workingses clearly
and list the names of others with whom you ~~conspired~~ collaborated.

For coding, we recommend you improve your skills with Python, R, and/or Julia. The (evil)
Deliverator uses (evil) Matlab.

Graduate students are requested to use LaTeX (or related TeX variant). If you are new to LaTeX,
please endeavor to submit at least n questions per assignment in LaTeX, where n is the
assignment number.

Assignment submission:

Via Brightspace or other preferred death vortex.

Please submit your project's current draft in pdf format via Brightspace by the same time
specified for this assignment. For teams, please list all team member names clearly at the start.

Prepare and deliver short presentations to introduce your project.

Instructions:

1. All students must attend in person unless enrolled as online only (reminder: this is
   true of all lectures, barring reasonable excuses).

2. Talks must be G rated and respectful of others. See the PoCS syllabus, Syllabus ☐, UVM's student conduct standards, and UVM's Our Common Ground ☐.

3. Time: Please aim for no more than 5 minutes per person.

4. For you talk, your mission is to give an overview of your project:

   (a) Explain what you are exploring and why it matters.
   (b) Give an overview of data (origin, curation, quality, other issues).
   (c) Optionally describe any progress so far.
   (d) Outline what you're hoping to achieve.

5. At the start, please introduce yourself in a sentence (name + your department/field), and to acknowledge who you're working with.

6. Slides: Suggest 3 to 5. More may work but 100 is right out ☐. Quality of slides forms part of the grade.

7. Slide format: PDFs are the least dangerous. Beamer/LaTeX is encouraged but not required. Powerpoint or Keynote will be fine as well. Probably.

8. Students who are online only may share their screen if needed.

9. **Please upload your slides to Teams some time on Wednedsay, April 3, the day before the talk session on Thursday, April 4**. Use the channel "Projects—slides, videos, reports."

10. Practice! These are short talks so you can run through them a number of times to straighten everything out.