Week of 8/31 Deliverables

Eric Bridgeford

Eric's Goals

- Build webpage for class
- Write examples of statement of work and presentation slides
- Example of Paper Summary
- Make sure there is at least one bullet per person!

What Eric Did

- [Build webpage for class](#) ✔
- [Write examples of statement of work and presentation slides](#) ✔
- [Example of Paper Summary](#) ✔

Example of Paper Summary for Coherent Subgraphing

- Identify sufficient parameters to characterize the distribution of connected and disconnected edges in multiclass data
- Identify the set of edges of a graph (subgraph) that demonstrate the greatest class-conditional difference in a set of bernoulli graphs
  - Coherency assumption: the bulk of the class-conditional difference can be captured by a few signal vertices
- Use subgraph and related estimators to produce a bayes-plugin classifier that allows accurate prediction of the classes of new graphs
- Detailed summary: https://neurodatadesign.github.io/template/ebridge2/week_0903/example_paper.html

Goals for Next Week

- Ndmg-paper figures finished
    - DoD: link to pdf with the figures for the ndmg paper
- Set up meetings with bcaffo and jovo
    - DoD: a recurrant meeting gcal'd to bcaffo, myself, jovo
- Finish gigantum big-graph gen on 4 core, 16 gig RAM machine on EC2
    - DoD: small instance that runs big-graph analysis on EC2 with SSDs
- Again, make sure there is at least 1 bullet per person, with formative DoDs (DoDs will be solidified by Wednesday session)!