

Assignment 3

Choose from among the topics listed in the class Discussion Board for this assignment.

- first-come, first served choice---discussion post earlier gets the topic choice
- work in a group of three, and choose one of you to email me to confirm your names
 - you will need to choose different people to work with for the last assignment
- your team will need to decide how you would like to split your work
 - do not do the work claimed by others in your team if they do not do it
- the submission for this assignment can be a report, or an implementation of algorithms and their analysis or empirical experiment

If you would like an early start on final exam period, then consider presentation slides you might make to communicate your Assignment 3 submission to the rest of the class. You may use any program or encoding you like to make PDF slides for the final exam, even the format I am exploring for this course---and I would encourage web development integrated directly into your presentations if you have skills with JavaScript and/or more.

Rubric

15 marks total (marked individually per team member)

- [1 mark] plan and logging of work
 - e.g., git log and Kanban task board
- [2 marks] references / citations
 - e.g., any format will be fine, APA, MLA, etc.
 - place in README.md file if code, or place at end of report in bibliography
- [2 mark] apply the analysis framework, or collect others' analysis results
- [6 marks] one of the following
 - implementation,
 - or statistical experiment,
 - or writing about a collection of topics surrounding a data structure / problem
 - majority of the writing is yours---not simply copying quotes / AI as filler
- note that members of group can overlap in choice, but then must use different algorithm / implementation, or different programming language, or different computer hardware comparison, or different subtopic
 - in other words, not duplicating someone else's work
- [4 marks] debugging / testing code, or logical reasoning in your writing

Submit files together in zip folder by Nov 29 before end of the day. One day late is 10% penalty.