

CSE591: Final Project Reports

Due: 11:59 PM, 1st May 2017.

The deliverables for the final project are the following:

1. **Report:** A final report must be produced that must contain a brief introduction to the problem, description of the methodology used, including the students' own interpretation of the methodology, and potential areas of use for the study along with thorough literature survey or related works. The report must also contain description of the implementation, including potential problems encountered during the implementations, assumptions made and reasons for such assumptions and such. The report shall also contain figures and tables containing results with appropriate discussions. There must also be discussion, conclusion and future scope sections.

The final report is due on **May 1, 2017** by midnight. The report must be typeset and adhere to the guidelines and formatting rules pertaining to the camera ready version of [IEEE Transactions on Pattern Analysis and Machine Intelligence](#). All submissions of the report will be handled electronically via Blackboard. Length of the report should be no more than 6 pages excluding references.

2. **Code:** You must submit all the codes used and developed during, and for this project. The codes are expected to run in both sequential and modular fashion.
 - (a) Sequential in the sense that one trigger must make the whole code run in sequence without any disruption until results (visual and metric) are produced.
 - (b) Modular in the sense that the grader must be able to start the code at different *meaningful* sections of the problem such as beginning of testing stage or evaluation stage.
 - (c) You must also provide an estimated time for completion and profiling for each section of the code. If possible, do display real-time progress on the code.

The code must be handed in with [MIT License](#) only. This implies that any toolbox or code that you borrow and adopt must also have appropriate licenses and policies for you to allow this submission. If there are third

party licenses involved in the project, or the libraries used or borrowed have licenses on their own ensure that you adhere to it's terms and conditions. Improper use of licensed material will constitute a violation of the academic integrity. You may use any programming languages including proprietary languages, tools and software including, and not limited to Matlab and Mathematica as long as licenses for those software are available for the graders at [myASU-myApps](#). You may not use software that involve a license purchase.

In any cases of borrowed code, be it from forums or external sources, appropriate citation must be provided. Apart from this citation you must include an independent file containing filename and line numbers of borrowed code along with the source of the borrowed code including license. Borrowing code without appropriate citation will be considered a violation of academic integrity. It is safe to include every piece of borrowed code in this citation file.

3. **Synthetic Datasets:** If your project involves the creation of synthetic datasets, try creating datasets that are not easy but also stick to lower dimensional spaces as these synthetic datasets can and should help you visualize the labeling, classification and decision boundaries etc. You will need to submit a code for creating these datasets as part of supplementary material.
4. **Supplementary material:** The code, synthetic datasets, results and other material that are not part of but additional to the report are collectively referred to as supplementary material. A submission link will be created separate from the report submission for the submission of supplementary material. You may upload all the supplementary material at once as a compressed file. If it exceeds blackboard capability, please schedule an appointment (plan accordingly) with the instructor ahead of the deadline to make a submission using hard transfer. Add all supplementary material in the following manner:
 - (a) Separate directories for data and code: The code must contain a detailed readme file detailing dependencies, software including compiler / OS requirements and libraries used. If you require external libraries detailed instruction on acquisition and installation must be provided in a manner that is OS independent. If OS dependent, you must provide details.
 - (b) License of code (must be MIT). Submission will be void if you don't have a license along with the submission.
 - (c) It is your responsibility that your code works on the graders machine. If you expect discrepancies or trouble, make sure the submission is done with appropriate timing. A missed deadline is not the grader's responsibility.

- (d) Images and other results in addition to the datasets in separate directories.
- (e) Anonymized submissions to other conferences, journals, and appendices or technical reports and project reports for other classes related to and emerging from this project that may contain extended proofs and mathematical derivations that are not essential to the understanding of the submitted report.

Do not submit datasets, but instead provide a download link and a script for setting up. Supplementary material are limited to 50MB. Submission will be considered void if it exceeds this limit.

Academic Integrity: You are expected to maintain the utmost level of academic integrity in the project. Any violation of the code of academic integrity will be reported to the dean for official actions. It is an academic violation to copy, to include text from other sources, including online sources for both material and code, without proper citation and licensing. To get a better idea of what constitutes plagiarism, consult the [ASU policy on student obligations](#). This is a serious violation and evidence of plagiarism or academic dishonesty, will likely result in failing the course and at worse can lead to disqualification from your degree program. Please contact the TA before borrowing material when unsure. Refer to the section on licensing in the code submission requirements.