Content

Your complete project report should include:

Title page, including;

"EE 559 Project", date, project title, your name and email address; if you are a DEN student, so state.

Abstract

Abstract is 1 paragraph and should give a brief summary of your project, including your approach and key results.

Main body

Should include the following information, the organization and ordering of which is up to you:
- Description of your approach.
- Preprocessing you performed.
- Features used.
- Feature selection/dimensionality reduction/normalization technique(s) performed.
- Classifiers used (both common pattern recognition name and Matlab / Python / toolkit function name, if any).
- Dataset usage (training, validation, test sets).
- Performance evaluation technique(s) used.
- Results.
  - Your best results (accuracy score and f1-score) on each of the classifiers used.
  - Your final result (accuracy score and f1-score).
- Interpretation of your results.
  - Any observations you found, *e.g.* results of different classifiers; model-selection or parameter-selection results.
- What computer languages, toolboxes and libraries, you used.
- Anything else needed to explain clearly what you did.

References (if any)

Use any standard format; *e.g.,* you can follow the format of any regular journal paper.

Your code

Submit in a separate file (see below).

Format, length, and originality

Submit two files, your report and your code.

Your report should be submitted as a single pdf file.   The text and equations should be typeset, and converted to pdf.   Scanned documents are not acceptable.

Your code should be submitted as a single file, separate from your report. Its format can be text, pdf, .m or .py. It must be computer-readable.

Length. There are no hard restrictions on length. Recommended length for your report is less than or equal to five pages of text for the abstract and main body (assuming 11 or 12 point font, single spaced except for headings and between paragraphs, not counting figures and tables). Title page, references, and your code don't count in this suggested length. Longer or shorter reports are OK; take the space you need to adequately explain and interpret what you have done, while keeping it reasonably concise. There are no restrictions on the length of your code.

Originality. Your report and code should reflect your own work done specifically for this class. Any material that is taken directly from other sources must be quoted and referenced. Work that you did for purposes other than this class counts as "other sources". In your report, you can use any standard referencing format. In the code that you turn in, show code you wrote yourself (for this class) in black, and code you got from other sources in (legible) blue (or underlined if you prefer). Also indicate using comments where the code came from (for example, provide a link). If you start from code taken from somewhere else, and modify it for your needs, then state so in the comment.

How to turn in your complete project report

Upload to the assignment dropbox in Week 12.

Please use filenames:

Report: "*familyname_givenname_*project.pdf"

Code: "*familyname_givenname_*project_code.*ext*"

in which italicized parts above are to be filled in by you.