CE888 Assignment 2

January 22, 2020

1 The Assignment

The goal of the first assignment was to help you focus on the aims and objectives of your overall project and help you better understand the assigned project. For this second assignment, the full project will have to be delivered. Your final mark will be split equally between the actual code for the project and the paper produced to accompany it. All the code should be in GitHub. The report should include the following sections:

1. **Abstract**: provide a short description of your work and try to convince the reader that your paper is worth reading (not more than 250 words).
2. **Introduction**: explain the purpose of your work and motivate it.
3. **Background**: description of similar efforts done in the past –and also introduce any necessary background knowledge.
4. **Methodology**: describe what your analysis will achieve and which methods you will use to achieve your goals. Describe the dataset/s you are going to use and how the data was collected (or generated).
5. **Results**: outline any experiments/analyses you have performed and explain the rationale behind.
6. **Discussion**: explain how you evaluated the results and what insights you gained from your experiments.
7. **Conclusion**: any concluding remarks you might have.

The report should be 6 pages long. Note that this is a hard limit —you should never go above it. Alongside the report you should submit the full code for your project in a zip file. The format of your report should adhere to IEEE standards, as in the previous assignment.

2 Deliverables

1. A report in PDF format, adhering to an IEEE journal standard of your choosing.
2. A link to a GitHub project that contains the code and the data you are using. If the data used is massive, provide a link to it instead in your GitHub README.md.
3. A complete project tree containing all files used in the project —basically a .zip file of your GitHub project.

3 Resources

1. Please use Overleaf to prepare the report.
2. Example IEEE template on overleaf can be found click here.
3. The guideline and policies for IEEE can be found at click here.
4. I would recommend taking a Writing in Science free course.