

Task Description	Mark
<p>1.1 Grammar, Spelling, & Formatting. Make sure to have at least one other person proof-read and review your document before submission. The use of a tool such as Grammarly is also easy and strongly recommended (www.grammarly.com). The University writing center also offers excellent support and is encouraged for students who are non-native English speakers. Your report must be limited to 10 pages in IEEE-style double-column format, including references. Your code must be submitted along with this document via D2L.</p>	/ 10
<p>1.2 Project Introduction Describe the background and motivation for your project. Make it clear why it's important and lead the reader to want to read the remainder of the paper.</p>	/ 5
<p>1.3 Literature Review Provide a comprehensive literature review of previous peer-reviewed research that has addressed the problem. Use this review to describe what is possible, how the field has evolved, what has been done, and what the current state-of-the-art is. Focus on algorithmic solutions to your problem and their results to provide context for your work. Your paper must include <i>at least</i> 15 relevant articles and a bibliography.</p>	/ 15
<p>1.4 Methods Progress Describe the dataset you used and how it was prepared. Describe any pre-processing, feature extraction, selection and/or reduction, prediction/regression/classification, visualization, evaluation of methods, etc. Be sure to compare, contrast, and break down your analyses, and justify your evaluation methods and choices of hyperparameters. You should briefly explain any concepts that you've incorporated that weren't part of the course content. There should be sufficient detail for someone with knowledge of the field to replicate your results. This section should only describe <i>what</i> you did, saving the results for the section below.</p>	/ 30
<p>1.5 Results Progress Describe the results of the work. As much as possible, provide results that are rich in information, such as visuals, tables, and figures. Make sure that all axes, tables, legends, etc., are carefully labeled. Focus on information density and avoid including many similar results (e.g. several slightly different visualizations of a similar concept/result), unless they are critical to your work. You may provide short comments to help orient the reader to the most important aspects of figures and/or tables, but do not editorialize.</p>	/ 25
<p>1.6 Discussion Provide a discussion and interpretation of your results. Do not simply recap the results. What observations can you make? Can you explain why you got the results you did? How do they compare to those in the literature or compared to what you expected? Briefly explain any limitations of the work and interesting or important future work.</p>	/ 15