**CSCE 623: Machine Learning**

**Spring 2019**

**PROJECT VIDEO GRADING WORKSHEET**

Due Tuesday, 28 May 2019 at 2359

Submit via Canvas

**(**This video is worth 10 points toward your final grade: 7 for completeness/correctness and 3 for pace/quality**)**

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| --- | --- |
| Course points earned | 9.9 |

**Student Name: NEWLIN**

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| --- | --- | --- | --- | --- |
| Criteria | Sub Area | Avail points | Student performance | Student Score |
| Completeness / Correctness | MOTIVATION/RESEARCH QUESTION:  What is the problem you are working on & why is it important? What is your research question / hypothesis / or objective? Include some background on your specific problem domain. | 1 | Achieved | 1 |
| Completeness / Correctness | DATA EXPLANATION:  What is the nature of the data (or experiments) you are working with? | 1 | Achieved | 1 |
| Completeness / Correctness | APPROACH/METHODOLOGY:  What was the approach you used to address your research? What did you apply from class or your reading to address the issue? | 1 | Achieved | 1 |
| Completeness / Correctness | ANALYSIS TECHNIQUES: How did you set up and ensure rigor in your research - provide rationale/justification that your technique was valid | 1 | Achieved | 1 |
| Completeness / Correctness | RESULTS: What were your results? Show some graphs/tables/figures and describe them. | 1 | Achieved | 1 |
| Completeness / Correctness | CONCLUSION: What are the impact of your results, and what assumptions/limitations are there with your results | 1 | Achieved | 1 |
| Completeness / Correctness | FUTURE WORK: What would you work on next if you had more time (how would you go about removing the assumptions/limitations of your work) and how will this be used in your AFIT research | 1 | Achieved | 1 |
| Quality | Submitted a Rendered Video (MP4) between 4-6 minutes long | 2 | You were over max length by 1:01 | 1.9 |
| Quality | Content quality and pace (not rushed or slow, no narration cutoff, not too quiet or noisy – good visuals, no typos) | 1 | Good | 1 |
| TOTAL |  | 10 |  | 9.9 |

**Issues that should be addressed in your final report:**

What made you think any individual features - or any subsets of the selected features would be useful in malicious traffic classification?

In logistic regression, the L1 penalty is LASSO – you actually were using LASSO on the coefficients of the Logistic Regression.

**Other Comments:**