

MSDS 7331 Data Mining

Lab 3 Grading Rubric

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Here is the rubric I will be using to grade Lab 4. You must have these exact sections in your project, if you want me to grade it! Lab 4 is due Sunday, 04/14/2019.

Category	Available	Requirements
Total Points	100	
Business Understanding	10	Describe the purpose of the data set you selected (i.e., why was this data collected in the first place?). How will you measure the effectiveness of a good algorithm? Why does your chosen validation method make sense for this specific dataset and the stakeholders needs?
Data Understanding 1	10	Visualize the any important attributes appropriately. Important: Provide an interpretation for any charts or graphs.
Data Understanding 2	10	Choose and explain your evaluation metrics that you will use (i.e., accuracy, precision, recall, F-measure, or any metric we have discussed). Why are the measure(s) appropriate for analyzing the results of your modeling? Give a detailed explanation backing up any assertions.
Modeling and Evaluation 1	10	Train and adjust parameters
Modeling and Evaluation 2	10	Evaluate and Compare

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Modeling and Evaluation 3	10	Visualize Results
Modeling and Evaluation 4	20	Summarize the Ramifications
Deployment	10	<p>Be critical of your performance and tell the reader how you current model might be usable by other parties. Did you achieve your goals? If not, can you reign in the utility of your modeling?</p> <ul style="list-style-type: none">• How useful is your model for interested parties (i.e., the companies or organizations that might want to use it)?• How would you deploy your model for interested parties?• What other data should be collected?• How often would the model need to be updated, etc.?
Exceptional Work	10	You have free reign to provide additional analyses or combine analyses