**MSDS 411 – Unsupervised Learning – Mickelson**

**Final Group Project Presentation Assessment Rubric**

Name(s) of Presenter(s): Sarah Crothers

***The purpose of this rubric is for you to be able to evaluate other student group’s presentations. For each criteria (row), circle your base answer to the criteria question then add comments addressing the reason(s) behind your response. Then, enter a score corresponding to a grade point for that criteria in the far right hand column.***

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| --- | --- | --- | --- | --- |
| CRITERIA | **DESCRIPTION** | **ANSWER** | **COMMENTS** | **SCORE** |
| **A Complete and Correct Model** | An accurate, precise and valid model that is adaptable to changes in variables or novel situations. Provides a deeper understanding of the real world data that is modeled | **Yes**  **Yes, but …**  **No, but …**  **No** | Model had good accuracy, and you had different models for PCA, KNN, and total classes all combined, so models were clear to understand, had good results, and easy to understand | 4 |
| **Assumptions** | Modeling assumptions are clearly stated and thoroughly understood. Distinction between modeling and real world are clearly made. | **Yes**  **Yes, but …**  **No, but …**  **No** | Assumptions are clearly state and make logical sense | 4 |
| **Graphics** | Visually justifies the choice of model, or allows comparison of results or provides clearly understandable results. | **Yes**  **Yes, but …**  **No, but …**  **No** | Graphics were good but you sued the basic models, you could have used ggplot for more advanced graphics on the early graphs | 3 |
| **Policy or Model Space Exercise** | Model is used to extensively evaluate the effect of changing model inputs to see the impact on output variables. Or, this exercise provides insight into policy or action recommendations. | **Yes**  **Yes, but …**  **No, but …**  **No** | Full in depth insights here | 4 |
| **Communicate Analysis Effectively** | The project presentation is highly effective in facilitating understanding about the issues of the real world problem. | **Yes**  **Yes, but …**  **No, but …**  **No** | Was spoken clearly and effectively, your PowerPoint presentation background was a good choice, | 4 |
|  | **SCORE: A=4.0, B+=3.5, B=3.0, C+=2.5, C=2.0, etc**. | | TOTAL SCORE: | 19 |