Machine Learning Project Rubric

Rubric Component	Description	Grade Points
Software Implementation	Able to implement the assigned ML algorithmic technique.	**40**
Performance Improvement	Able to change different parameters to improve performance	**10**
Interpretability	Is the scenario addressed and analyzed by the algorithm contextually appropriate. Is the code self-explanatory with comments within its structure.	**10**
Formal Deliverable	Submitted a write up file, .rmd file as well as a knitted pdf, html or word file on Canvas. Additionally please submit the .csv or .excel file.	**20**
Prediction Accuracy	Conducted evaluation of the model performance. Articulated this in the written report.	**10**
Functionality Narrative writeup	Written report to explaining the objective, rationale of using the technique for this scenario.	**10**

Writeup: For the project narrative please make sure that you have included the following aspects:

1) Objective and rationale of using the specific algorithm to achieve the objective.
2) Steps of implementing the algorithm in this context
3) Interpretation of the results and prediction accuracy achieved
4) Performance improvement techniques and improved accuracy achieved.
5) Overall insights obtained from the implemented project .