	Weight	Elements	HD+ (100%)	HD	DI	CR	PA	PA-	NN
Approach	**40%**	**1) Data exploration leading to well informed approach.** **2) Identifying an adequate evaluation framework that is tailored to the problem.** **3) Well justified network architecture and objective.** **4) Hyper parameters selection strategy.** **5) Approach satisfies all the requirements and restrictions.**	Fullfilles all req in HD. No further improvements are needed.	Single network that predict all outputs. Efficient design process. **Appropriate use of transfer learning.** All of the following elements are done; **no issue in applying ML principles**: Data exploration; network architectuer and objectives; evaluation framework; Hyper parameter tuning. Justifications are **clear and complete**.	Single network that predict all outputs. **Efficient design process.** All of the following elements are done; **no issue in applying ML principles**: Data exploration; network architectuer and objectives; evaluation framework; Hyper parameter tuning. Justifications are mostly clear but few places where justifications are not adequate.	**Single network that predict all outputs.** All of the following elements are done, however, there are **minor gaps in applying ML principles**: Data exploration; network architectuer and objectives; evaluation framework; Hyper parameter tuning. Justifications are mostly clear but some places where justifications are not adequate.	The code neural network(s) developed can make the required prediction. One or more of the following elements **missing or done trivially**: Data exploration; network architectuer and objectives; evaluation framework; Hyper parameter tuning.	Poor, superficial, or incomplete approach that does not meet the minimum requirements for PA. Code and explanations is styled and organised poorly.	Not Completed or Does not adhear to requirements in specification PDF.
Ultimate Judgment, performance & Analysis	**30%**	**1) Analysis of the model and the outputs using suitable methods.** **2) Make a clear ultimate Judgment.** **3) Rationale behind the ultimate model is clear and considers all the aspects.** **4) Limitations of the model identified.**	Fullfilles all req in HD. No further improvements are needed. Limitations are clearly discussed.	Ultimate Judgement is established, and all aspects are taken into consideration. All the justification is easy to follow. An excellent attempt at evaluating the Ultimate model is made - **No improvement are needed**. Analysed the models output using independent test data.	Ultimate Judgement is established, and all aspects are taken into consideration. All the justification is easy to follow. A sufficient attempt at evaluating the Ultimate model is made - few places where **minor** improvement are needed. Analysed the models output using independent test data.	Ultimate Judgement is established, but all aspects are not taken into consideration. Few places where the justification is hard to follow. A sufficient attempt at evaluating the Ultimate model is made - at least one place where **major** improvement is needed. Analysed the models output using independent test data.	An Ultimate Judgement is made but not justified. Analysis present but only trivial techniques used.	An Ultimate Judgement and analysis is not made or not valid.	Not Complete
Test Results	**20%**	**Performance on the unseen future data set**	Outstanding across the course. (Top 5%)	In Top 5-20%	In Top 20-30%	In Top 30-50%	Better than random model but not in top 50%	In par with random model	Not Complete or incorrect format. Or trivial model.
Demo Video	**10%**	**discuss all elements of your solution**	All rubric elements are thoroughly demostrated. The entire approch, ultimate judgment and analysis is clearly explained.		Most rubric elements are demostrated. The approch, ultimate judgment and analysis is clearly but explanation of few elements is not clear in video.		Video done to a minumum level. Most important elements are missed.	Incomplete on inaccessible video.	