

Introduction to data science 2021



PHASE	TASK	GRADING
1	Define a SMART goal. Specific – target a specific question/model/hypothesis Measurable – suggest success criteria for the project Assignable- specify who will do what Realistic – state what resources are available (data, skills) Time-related – specify how would you deliver results on time	20%
2	Get the relevant data, and prepare it for the analysis. Describe why this data is relevant for your goal. Specifically, list the files and columns of the data that you use. Detail on the resource of the data or how did you collect it,	20%
3	Build model. Explain how the model is useful to archive the goal. Describe and justify all assumptions and technical decisions that you made regarding the model. (for example, choosing the value of K for Kmeans, or choosing specific stopping criteria for decision tree, ex')	20%
4	Evaluation of the model. Evaluate the performance of the model (using the testing set). For each measure, explain why did you choose it, and how its value can be used.	20%
5	Communicate result Prepare a report/ summary/short presentation/movie That communicate the results with decision maker. Relate any technical result with the business goal.	20%