Marking rubric for Assessment 2

Course: SIT718 - Real World Analytics

Criteria	Excellent 25 points	Very Good 18 points	Good 13 points	Shown 5 points	Not Demonstrated 0 points	Criterion Score
Data visualisation and transformation	There are sufficient visualisation plots to demonstrate data distributions of different variables and the correlations between them. The data transformation methods are appropriate with critical justification.	There are some visualisation plots to demonstrate data distributions of different variables and the correlations between them. The data transformation methods are appropriate with limited justification.	There are some visulisation plots to show the data distribution. Some transformation methods are inappropriate or not justified.	There are few visulisation plots to show the data distribution. Most transformation methods are inappropriate or not justified.	No results shown in this task.	/ 25
Model fitting and evaluation	All fitting functions are appropriately applied on the transformed dataset. The explanation and comments about the fitting performance are clear and meaningful.	All fitting functions are appropriately applied on the transformed dataset. There are some explanation and comments about the fitting performance.	Some fitting functions are inappropriately applied on the transformed dataset. The explanation and comments about the fitting performancea re limited.	Some fitting functions are inappropriately applied on the transformed dataset. No justification about the fitting performance.	No results shown in this task.	/ 25

Criteria	Excellent 25 points	Very Good 18 points	Good 13 points	Shown 5 points	Not Demonstrated 0 points	Criterion Score
Prediction and justification	The prediction is appropriately applied on the given new data with sufficient pre- and post-processing. There are exellent comments about the implications and limitations of the prediction result. The best conditions under which a higher quality wine will occur are explicitly discussed.	The prediction is appropriately applied on the given new data with some pre- and/or post-processing. There are some comments about the implications and limitations of the prediction result. The best conditions under which a higher quality wine will occur are briefly discussed.	The prediction is applied on the given new data without pre- and post-processing. There are some comments about the implications and limitations of the prediction result. The best conditions under which a higher quality wine will occur are briefly discussed.	The prediction is inappropriately applied on the given new data. There are limited comments and discussion about the results.	No results shown in this task.	/ 25

Criteria	Excellent 25 points	Very Good 18 points	Good 13 points	Shown 5 points	Not Demonstrated 0 points	Criterion Score
Presentation and R script	The presentation is excellently organised and the ideas flowed logically in 5 minutes. The slides is structured clearly with extensive and critical reflection on all the data analysis procedures. There are sufficent references for the dataset and package in the R script.	The presentation is organised well about 5 minutes. The slides is structured clearly with good reflection on most data analysis procedures. There are references for the dataset and package in the R script.	The presentation is organised about 5 minutes. The slides is structured with some reflection on data analysis procedures. There are references for the dataset and package in the R script.	The presentation is not organised in 5 minutes. There are limited reflection on data analysis procedures.	No presentation.	/ 25

Total	/ 100

Overall Score

HD 80 points minimum High Distinction	D 70 points minimum Distinction	C 60 points minimum Credit	P 50 points minimum Pass	N 0 points minimum Fail