

Student: LUKE JENKINSPercentage: 63%

QUESTION	EXCEPTIONAL 5	MERITORIOUS 4	COMPETENT 3	PASS 2	FAIL 1
Dataset description (15%)	Infers multiple pre-processing AND analysis techniques from descriptive statistics	Infers pre-processing OR analysis techniques from descriptive statistics	Provides descriptive statistics for the dataset	Correctly defines the data types; describes the original data source	Misinterprets data types and meanings
Data pre-processing (10%+10%)	Performs multiple complex primary pre-processing operations Performs multiple secondary pre-processing operations	Codes data sensibly and discusses any data removal or manipulation	Performs obvious coding (Yes/No) OR justifies data manipulation	Describes the data used but does not perform any significant pre-processing	Performs no primary pre-processing Performs no secondary pre-processing
Data analysis - data exploration (15%+10%)	Uses multiple methods other than decision trees Full and detailed discussion of the selected model	Uses multiple types of algorithm AND multiple options with each of these.	Uses multiple types of algorithm appropriately and shows a logical progression within an analysis	Uses the same type of algorithm in each analysis	Incorrect, misleading or missing
Reporting of results (20%)	Four complete analyses with discussion of the implications of the results	Three complete analyses with discussion of the implications of the results	Two complete analyses with discussion of the implications of the results	One complete analysis with discussion of the implications of the results	Incorrect, misleading or missing
Reflection (10%)	Full and detailed reflection with discussion of how the analysis might be repeated and extended	Discussion of how the research might be repeated OR extended.	Discussion of satisfying analyses and problems encountered.	List of skills learned.	Incorrect, misleading or missing
Report writing (10%)	Reads like a technical review article	Good use of signposting	Clear sectioning of content	Basic use of introduction, body and conclusion; correctly referenced	No clear structure; incorrectly referenced

Good use of anonymisation. Good rationale for analysis.
Clear statement of the research questions.
Would you have got any different rules had you used other algorithms instead of just ST48?
Good rationale for using 4 clusters, but why not try letting one of the other algorithms
work out a number of clusters automatically? DBSCAN, for instance?
How accurate were your models?