Name	CW1 feedback and mark split
Description	
Rubric Detail	

Criteria	**Levels of Achievement**					
	Fail	**Pass**	**Pass +**	**Pass ++**	**Excellent**	**Outstanding**
1,2,3 Convserion to arff, randomisation and computational constraints **Weight 20.00%**	**0.00 to 39.00 %** The problem is not well understood and not well described. The required conversions are either not completed or not presented properly. No software developed. No interesting properties in data are discussed.	**40.00 to 49.00 %** The stated problem is not very well described. Some required conversions are completed, but the process is not convincingly presented. No software developed. No interesting properties in data are discussed.	**50.00 to 59.00 %** All of the required conversions are completed, but the process is not clearly presented. The problem is reasonably described. No software developed. Some interesting properties of the data are noted, but not discussed in depth.	**60.00 to 69.00 %** All of the required conversions are completed, and the process is clearly and convincingly described. The problem is reasonably described. In addition, either some reasonable piece of software is developed, or some interesting properties of data are discussed in some depth.	**70.00 to 79.00 %** All of the required conversions are completed, and the process is presented clearly and convincingly. The problem is very well described and analysed. In addition, either first-class quality software is developed, or deep and thorough discussion of interesting properties of data.	**80.00 to 100.00 %** All of the required conversions are completed and the process is presented clearly and convincingly. The problem is very well described and analysed. In addition, first-class quality software is developed. In addition, deep and thorough discussion of interesting properties of data is given. The report shows real analytic depth and thorough research into the subject.
4. Classification: Performanance of the Nearest Neighbour Algorithm on the given data set **Weight 20.00%**	**0.00 to 39.00 %** The problem is not well understood and not well described. Required experiments are either not completed or not presented properly. No software developed. No interesting properties in algorithms and/or data are discussed.	**40.00 to 49.00 %** Some required experiments are completed, but they are not convincingly presented. The stated problem is not very well described. No software developed. No interesting properties in algorithms and/or data are discussed.	**50.00 to 59.00 %** Most required experiments are completed, but they are not convincingly presented in tables/graphs. The problem is reasonably described. No software developed. Some interesting properties of algorithms and/or data are discussed, but not to a great depth.	**60.00 to 69.00 %** All of the required experiments are completed, and reasonably presented in tables/graphs. The problem is reasonably described. In addition, either some reasonable piece of software is developed, or some interesting properties of data and/or algorithms are noted.	**70.00 to 79.00 %** All of the required experiments are completed, and presented logically and convincingly in tables/graphs. The problem is very well described and analysed. In addition, either first-class quality software is developed, or deep and thorough discussion of interesting properties of data and algorithms is given.	**80.00 to 100.00 %** All of the required experiments are completed and presented logically and convincingly in tables/graphs. The problem is very well described and analysed. In addition, first-class quality software is developed. In addition, deep and thorough discussion of interesting properties of data and algorithms is given. The report shows real analytic depth and thorough research into the subject.
5. Deeper analysis: search for important attributes by	**0.00 to 39.00 %** The problem is not well	**40.00 to 49.00 %** Some required experiments	**50.00 to 59.00 %** Most required experiments are	**60.00 to 69.00 %** All of the required	**70.00 to 79.00 %** All of the required experiments are	**80.00 to 100.00 %** All of the required

Criteria	Levels of Achievement					
	Fail	**Pass**	**Pass +**	**Pass ++**	**Excellent**	**Outstanding**
correlation for each class **Weight 20.00%**	understood and not well described. Required experiments are either not completed or not presented properly. No software developed. No interesting properties in algorithms and/or data are discussed.	are completed, but they are not convincingly presented. The stated problem is not very well described. No software developed. No interesting properties in algorithms and/or data are discussed.	completed, but they are not convincingly presented in tables/graphs. The problem is reasonably described. No software developed. Some interesting properties of algorithms and/or data are discussed, but not to a great depth.	experiments are completed, and reasonably presented in tables/graphs. The problem is reasonably described. In addition, either some reasonable piece of software is developed, or some interesting properties of data and/or algorithms are noted.	completed, and presented logically and convincingly in tables/graphs. The problem is very well described and analysed. In addition, either first-class quality software is developed, or deep and thorough discussion of interesting properties of data and algorithms is given.	experiments are completed and presented logically and convincingly in tables/graphs. The problem is very well described and analysed. In addition, first-class quality software is developed. In addition, deep and thorough discussion of interesting properties of data and algorithms is given. The report shows real analytic depth and thorough research into the subject. Research papers/webpages are cited and used in an interesting way.
6. Improving the classification using the selected attributes from 5 **Weight 20.00%**	**0.00 to 39.00 %** The problem is not well understood and not well described. Required experiments are either not completed or not presented properly. No software developed. No interesting properties in algorithms and/or data are discussed.	**40.00 to 49.00 %** Some required experiments are completed, but they are not convincingly presented. The stated problem is not very well described. No software developed. No interesting properties in algorithms and/or data are discussed.	**50.00 to 59.00 %** Most required experiments are completed, but they are not convincingly presented in tables/graphs. The problem is reasonably described. No software developed. Some interesting properties of algorithms and/or data are discussed, but not to a great depth.	**60.00 to 69.00 %** All of the required experiments are completed, and reasonably presented in tables/graphs. The problem is reasonably described. In addition, either some reasonable piece of software is developed, or some interesting properties of data and/or algorithms are noted.	**70.00 to 79.00 %** All of the required experiments are completed, and presented logically and convincingly in tables/graphs. The problem is very well described and analysed. In addition, either first-class quality software is developed, or deep and thorough discussion of interesting properties of data and algorithms is given.	**80.00 to 100.00 %** All of the required experiments are completed and presented logically and convincingly in tables/graphs. The problem is very well described and analysed. In addition, first-class quality software is developed. In addition, deep and thorough discussion of interesting properties of data and algorithms is given. The report shows real analytic depth and thorough research into the subject.
7. Conclusions **Weight 20.00%**	**0.00 to 39.00 %** The problem is not well understood and not well described. No technical analysis is	**40.00 to 49.00 %** Some technical analysis is given. Some web resources and research papers are cited but the	**50.00 to 59.00 %** Good technical analysis is given answering several questions. Some research papers/websites	**60.00 to 69.00 %** Solid technical analysis is given answering many of the questions raised. Some research	**70.00 to 79.00 %** Deep techncial analysis is given answering all of the questions raised. Deep and thorough discussion is given. Relevant	**80.00 to 100.00 %** Deep techncial analysis is given answering all of the questions given. Relevant additional experiments are

Criteria	Levels of Achievement					
	Fail	**Pass**	**Pass +**	**Pass ++**	**Excellent**	**Outstanding**
	given. Some web resources and research papers are cited but the text shows little evidence of real understanding. No experiments have been run to support the conclusions.	text shows little evidence of real understanding. Some experiments that have been run in earlier sections are refered to in support of the conclusions.	are mentioned but only briefly. Experiments that have been run in earlier sections are clearly refered to in support of the conclusions. No additional experiments have been done.	papers/websites are mentioned but only briefly. The experiments that have been run in earlier sections are clearly refered to in support of the conclusions. No additional experiments have been done.	additional experiments are performed, or relevant additional questions are explored in depth. Research papers/webpages are cited and used in an interesting way.	performed, and relevant additional questions are explored in depth. Research papers/webpages are cited. The report shows real analytic depth and thorough research into the subject.

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