

Project 2 Grading Sheet

Students: Name (username)
Graded by Ken Loomis

Please submit any questions to kjloomis@wpi.edu

Part	Section	Question	Actual	Points Possible	Description	Notes
I		Individual Component				
		1a		10	Procedure follows the ID3 algorithm	
		1b		10	Procedure produces the correct tree	
		1c		10	Procedure produces the correct entropy values	
		2		5	Classification with missing values.	
			0	35		
II		Algorithms and Code				
		-		3	Description of J4.8 inputs and outputs	
		-		5	Description of J4.8 algorithm	
		-		2	Specific deviations from the ID3 algorithm explained	
	Experiment Challenge 1: "Easy" level					
	1	-		4	Description of the experiment design	
		1		2	Root node of each decision tree	
		2		3	Justification of root node comparison	
		3		3	Overall comparison of the structure of the two decision trees	
		4		2	Model performance comparison	
		5		2	Model selection	
	Experiment Challenge 2: "Moderate" level					
	2	-		6	Description of the experiment design	
		-		5	Description of preprocessing techniques used	
		-		4	Description of model	
		-		3	Image of the root node of the model	
		-		2	Comparison of performance against ZeroR, OneR	
		1		4	Comparison with challenge 1	
		2		2	Pre-Processing decisions	
		3		3	Challenge(s) explained	
	Experiment Challenge 3: "WPI" level					
	3	-		6	Description of experiment design	
		-		6	Description of preprocessing techniques used	
		-		10	Description of model	
				6	Performance of the model	
		1		5	Limitations of the dataset	
		2		3	Challenge(s) explained	
		3		5	Interesting observations about the model	
	Additional Experiment Description					
	-	-		4	Concluding thoughts about the J4.8 model	
			0	100		
III	-	-		10.5	Oral presentation	
		-		4.5	In-class participation during presentations	
			0	15		
				-5	Report not formatted as instructed	
TOTAL		0	150	Percentage		0%